Drives AF-650GP™ General Purpose Drive Standard Specifications

Section 15

Enclosures	IP20 Chassis, IP00 Chassis, IP21/NEMA 1, IP55/NEMA 12,	Logic Controller (LC) Seq	
	IPS4/NEMA 12, IP66/NEMA 4	Comparators	Up to 37 types of Programmable Events
Installation Location	Do not install in locations where product could be	Timers	Array of 6 Comparators
	exposed to dust, corrosive gas, inflammable gas, oil mist,	Logic Rules	Array of 8 Timers, adjustable from 0.0 to 3600 sec Array of 6 Boolean Logic Rules
	vapor, water drops or direct sunlight. There must be no	Logic Controller States	Array of 20 Logic Controller Action States
	solt in the atmosphere. Condensation must not be coused by sudden changes in temperature. For use at	Process Controller (PID)	And of the controller Action States
	altitudes of 3260 ft (1000M) or less without derating		
Storage Temperature	-25° to 65°C	Process CL Feedback Select	Up to 2 references Selectable - No function, Motor
Ambient Temperature Ambient Humidity	-10° to +50°C (24 hour average max of 45°C) 5 to 95% RH (non-condensing)		Feedback, Separate Encoder, Encoder Option Module, or Resolver Option Module
Vibration	10g	Process PID Control	Normal or Inverse
Cooling Method	Fan Cooled all ratings Fan Control Auto, 50% level,	Process PID Anti Windup	Disabled or enabled
	75% level, 100% level adjustable	Process PID Start Speed	0.0-200 Hz
Changel 1		Process PID Proportional Gain	0 00-10 00
Standards		Process PID Integral Time	01 - 10000 0 ms
Approvals	CE, UL, cUL, and C-Tick	Process PID Differential Time	00-105
	Suitable for use on a circuit copoble of delivering not	Process PID Differential Gain	1.0-50.00
	more than 100,000 rms symmetrical amperes for 230V	Process PID Feed Forward Factor	0-500%
	and 460V	On Reference Sandwidth	0-200%
mark Damas Com La			
Input Power Supply		Operation	
lated Input AC Voltage	200-240 Vac, 3-phase, 50-60 Hz, +/- 10% V	Operation Method	Keypad operation Hand, Off, Auto
-	380-500 Vac, 3-phase, 50-60 Hz, +/- 10% V		Digital Input Programmable for Start/Stop,
	S25-600 Voc, 3-phose, 50-60Hz, +/- 10% V		Forward/Reverse, Jog
	525-690 Voc. 3-phose, 50-60 Hz, +/- 10% V		Timer operation. Stop after predetermined time frame
Havimum Voltage Imbalance	3% of rated supply voltage		Built-in RS-485 Modbus RTU
rue Power Factor	> 0 9 nominal at rated load		USB Port for programming drive with optional PC Softwa
Displacement Power Factor	> 0 98	Frequency Reference Signal	Left or Right Arrow buttons on keypad in Manual Mode
witching on input power supply	Maximum twice/minute up to 10HP, Maximum		Speed Potentiometer 0 to +10 Vdc, 10 to 0 Vdc
	once/minute above 10HP		0-10Vdc analog input
nvironment according to EN60664-1	Overvoltage category III/pollubon degree 2		0/4-20ma analog input
Output		References	Up to 3 Input References can be selected from Analog
			Input #1 or #2, Frequency Input #1 or #2, Network,
lated Output Voltage	0-100% of supply voltage		of Potenborneter
Output Frequency	0-1000 Hz, 0-800Hz for 460V above 100HP and	Input Signals	6 - Digital Inputs, 24 Vdc PNP or NPN
	525/600/690 V above 100HP		1 - Safe Stop Digital Input suitable for category 3
witching on output	Unlimited		Installations to meet EN-954-1
ccel/Decel Times	0.01-3600 seconds		2 - Pulse inputs rated to 110kHz or 1 - Pulse input and
ontrol Method	Sinusoidal PWM Control (V/Hz, Avd Vector Control,		1 - Encoder Input 24 Vdc rated to 4096 PPR
	Sensorless Vector, and Flux Vector with motor feedback		2 - Analog Inputs -10 to +10V scalable or 0/4 to 20 mA
Control			scalable
			Digital Input Settings
tarting Torque	160% starting torque for 1 minute (constant torque).		No Operation
the second s	110% storting torque for 1 minute (vonable torque)		Reset after drive trip or alarm
arrier Frequency (Motor Noise)	Selectable - 1, 15, 2, 25, 3, 35, 4, 5, 6, 7, 8, 10,		Drive at stop with no holding current Other Stop according to Owide Stop Decel Time 1
orque Boost	12, 14, 16 kHz		Quick Stop according to Quick Stop Decel Time 1 Stop on input going low
udas sonst	Selectable by up to S individual V/Hz settings in V/Hz		Stop on what going low Start
	Mode or by 0 - 300% setting of Torque Boost parameter In Adv. Vector Mode		Maintained Start arfter signal applied for Minimum of 2ms
celeration/Deceleration Time			Reversing
	0 01-3600 seconds (4 acceleration and deceleration		Stort Reverse
	times are selectable via digital inputs. Acceleration and		Enable Start Forward only
	deceleration patterns can be selected from linear or S-curve)		Enable Start Reverse only
ato Protection	Possword Protection for Quick Menu or Main Menu.		Jog
	0-9999		Multi-Step Frequency selection (1 to 8 Steps)
Ittern Operation	Settings via Built-In Logic Controller Sequencer		Hold Drive Frequency
mp Frequency Control	4 jump for skip) frequencies via parameter set to avoid		Hold Reference
	mechanical vibration		Speed Up; activated by Hold Drive Frequency
p Compensation	Maintains motor at constant speed with load fluctuations		or Hold Reference
rque Limit Control	Output torque con be controlled within a range of 0.0		Slow Down, activated by Hold Drive Frequency
	to 150% (0.1 and steps)		or Hold Reference
Preset Speeds	8 programmable preset speeds selectable by 3 digital		Drive Porameter Setup Select 1-4
	inputs		Prease Start or Stop, Activated when drive parameter
m Reference Setting	Available for speed reference offset via potentiometer,		precise stort or stop function is selected
	voltage input, or current input		Catch Up or Slow Down, Activated by signal to add to
Injection Braking	Starting frequency: 0.0-1000 Hz, 0-800Hz for 460V		or subtract from input reference to control speed
invection analong	above 100HP and \$25-690 V above SDHP		Pulse Input selectable from 100 - 110000Hz
nifection analong			Accel / Decel Time select. Set Input to Accel / Decel
nyecton braking	Broking time: 0.0-60.0 seconds		
	Broking level: 0-100% of rated current		Times 1 to 4
gging Operation	Broking level 0-100% of rated current Operation via On key or digital input (Fwd or Rev)		Digital Potentiometer Input Increase or Decrease
aging Operation to-Restort After Power Failure	Broking level 0-100% of rated current Operation via On key or digital input (Fwd ar Rev) Restarts the drive without stopping after instantaneous		
gging Operation to-Restort After Power Failure	Broking level 0-100% of rated current Operation via On key or digital input (Fwd or Rev) Restarts the drive without stopping after instantoneous power foliare		Digital Potentiometer Input Increase or Decrease
aging Operation to-Restart After Power Failure ergy Savings	Broking level 0-100% of rated current Operation via On key or digital input (Fwd ar Rev) Restarts the drive without stopping after instantaneous		Digital Potentiometer Input Increase or Decrease

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Drives AF-650GP™ General Purpose Drive Standard Specifications

Operation (continued)		Keypad	
Output Signals	 2 - Digital Outputs 24 Vdc (Digital Outputs are used in place of 2 of the Digital Inputs) 2 - Form C Relays rated to 2A at 240 Vac 1 - Analog Output 0/4 to 20mA Relay Dutput Settings No Operation 	Keypad Features	LCD Display with 6 Alpha-numeric lines Multi-Language Support Hot Pluggable, Remote Mount Option, and CopyCat Feature, IP65 rating when remote mounted on enclosure LED's - Green - drive is an, Yellow - indicates a warning.
	Control Ready		Red - indicates an alarm, Amber - Indicates active
	Drive Ready Drive Ready in Remote Standby No Drive Warnings Drive Running Drive Running Na Drive Warnings	Keypad Keys	Menu keys and H-O-A keys Status - shows status of drive Quick Menu - Enters Quick Start, Parameter Data Check, or Trending Modes Main Menu - Used for programming all drive parameters
	Drive Running on Remote Alarm Alarm or Warning At Torque Limit Out of Current Range		Alarm Log - Used to display Alarm list Back - Reverts to previous step or layer in parameter structure Cancel - Used to cancel last change or command Info - Displays information about a command,
	Below Current Above Current Out of Speed Range Below Speed		parameter, or function in any display Hand/Off/Auto - Used to control drive locally or put drive in remote mode <u>Reset - Used to reset Warnings or Alarms</u>
	Above Speed	Password	2 Level Password Protection
	Out of Feedback Range Belaw Feedback	Alternote Motor Porameters	Up to 4 Separate complete parameter set-ups are available
	Above Feedback Thermal Overload Warning Reverse	Graphical Trending	Trend Speed, Power, Frequency or any value programmed in status display
	Bus OK Tarque Limit and Stopped	RS485 Modbus RTU Ser	
	Brake and no Warning Brake Ready and No Faults Brake Chopper Fault	Physical Level: Transmission Distance: Nade Address:	EIA/RS485 1640 ft (500m) 32
	External Interlack Out of External Reference Range	Transmission Speed: Transmission Mode:	2400, 4800, 9600, 19200, 38400 or 115200 (bits/s) Half Duplex
	Below External Reference	Transmission Protocol Character Code:	Modbus RTU
	Above External Reference Fieldbus Controlling Drive	Character Length:	Binory 8 Bits
	No Alarm	Error Check:	CRC
	Running in Reverse Local Mode Active	Mounting Clearance	
	Remote Mode Active Start Command Active	ribuilding cicululice	All AE-SSOGP deves can be required old by did.
Protective Functions	Hand Mode Active Auto Mode Active		All AF-650GP [®] drives can be mounted Side-by-Side without spocing For all drives rated 100HP or below allow 3.4 inches
	Line Phase Lass DC Overvoltage DC Undervoltage		(100mm) free space above and below For all drives rated 125HP and above allow 8.9 inches (225mm) free space above and below
	Drive Overlood Motor Overtemperature Motor Thermistor Overtemperature		
	Torque Limit Overcurrent Ground Fault		
	Short Circuit Control Word Timeout Brake Resistor Short-Circuited		
	Broke Chopper Short-Circuited Brake Check DC Link Voltage High		
	DC Link Voltage Low Internal Fan Fault		
	External Fan Fault Power Board Overtemperature Missing U Phase		
	Missing V Phase Missing W Phase Internal Fault		
	Control Voltage Fault Auto Tune Check - Wrong Motor Parameters		
	Auto Tune Low Inom - Motor current is too low Current Limit Mechanical Broke Low		
	Drive Initialized to Default Value Keypad Error Na Matar		
	Soft Charge Foult Auto Tuning Foult		
	Serial Comms Bus Fault Hordware Mismatch		
	Speed Limit		



IP 20 - 230 Vac, 3-Phase, 50/60Hz Input

IP 55/66 - 230 Vac, 3-Phase, 50/60Hz Input

Product	List Price	Description	Unit Size	Rating								uantity	Per Di	ive				
Number	GO-5RP				1/3	1/2	1	Z	3	5	7.5	10	15	20	25	30	40	50
dain Control C	ord																	
6KAF61109	\$950.00	Control Cord	-		1	1	1	1	1	1	1	1	1	1	1	1	1	
Reypad	_			25.5		-		•	-	*	<u> </u>		+	1	*	-	1	1
KYPDACGP1	\$500.00	Replacement Graphical Keypad																
6KAF61007	\$45.00	Frome w/o option A or B			1	1	1	1	1	1	1	1	1	1	1	1	1	1
6KAF61008	\$60.00		12/13/23		1	1	1	1	1	1	1	1						
5KAF60284	\$75.00	Frame w option A or B	12/13/23		1	1	1	1	1	1	1	1			14			
		Frome	24/33/34	-					12224		1.11		1	1	1	1	1	1
6KAF63414	\$40.00	Frome	15/21/22/31/32		1	1	1	1	1	1	1	1	1	1	1	1	1	1
6KAF61011	\$40.00	Terminal cover w/a option A or B	12/13		1	1	1	1	1	1								
6KAF61012	\$40.00	Terminal cover w option A or 8	12/13	*	1	1	1	1	1	1								
6KAF61411	\$65.00	Terminal cover	23								1	1						
6KAF61410	\$95.00	Terminal cover	23								1	1						
ower Card					_			_			_							_
6KAF61802	\$3830.00	Power Cord	21	88														
6KAF61803	\$4285.00	Power Card	21						_		1		_					
6KAF61805	\$4835.00	Power Cord	22			_		-				1			_			
6KAF61807	\$1550.00	Power Card	31						_		_		1			12		_
6KAF61808	\$1550.00	Power Cord			_	_				<u></u>			÷	1				
6KAF61809	\$1550.00		31												1	_		
6KAF61B10		Power Cord	31					_								1		
	\$1735.00	Power Card	32				_		-				_		100		1	
6KAF61811	\$1735.00	Power Cord	32	-													-	1
6KAF61902	\$3830.00	Power Card	23								1							
6KAF61903	\$4285.00	Power Cord	23								13	1						-
6KAF61906	\$4835.00	Power Cord	24						-			-	1		_		-	-
6KAF61907	\$5020.00	Power Cord	24										-	1				
6KAF61916	\$1825.00	Power Cord	33					_						*				_
5KAF61917	\$1825.00	Power Card	33			1.1.1.1									1		-	-
6KAF61918	\$1920.00	Power Cord	34				_					_	_		_	1		_
6KAF61919	\$1920.00	Power Card	34					-			_	_				_	1	_
6KAF61806	\$2010.00	Switch Mode Power Supply	22		-						_	_			_			1
				15									1					
verter IGBTs															_		_	_
6KAF61884	\$1510.00	Duol IGBT Module	31/33	150A										3	- 3			
6KAF61885	\$1895.00	Dual IGBT Module	31/33	200A		-					-				-	3		
6KAF61886	\$2600.00	Dual IGBT Module	32/34	300A											_	2	3	3
Iroke IGBT											_		_				3	3
6KAF61884	\$1510.00	Dual IGBT Module	(
6KAF61400			31/33	150A	_		_	_						1	1	1		
	\$2105.00	Dual IGBT Module	32/34	200A												1.1.1	1	
6KAF61886	\$2595.00	Dual IGBT Module	32/34	300A														1
lectifiers																	_	
6KAF61887	\$820.00	Thyristor Module	31/33	180A														
6KAF61888	\$1130.00	Thynstor Module	32/34	240A										3	3	3		-
				E-4445								_					3	3
Fl Filters		1. I. K.																
6KAF63378	\$660.00	RFI Filter (closs A2)	21								1	1						
6KAF63381	\$685.00	RFI Filter (class A2)	22				1.1					-	1			_		
6KAF63427	\$40.00	RFI Filter class AZI	31										-	1	1	1	-	
6KAF63377	\$1235.00	RFI Filter Icloss A1/BI	21								1	1		-	-	•	_	-
6KAF63380	\$1495.00	RFI Filter (closs A1/B)	22				_	_				-	1					
6KAF63425	\$4265.00	RFI Filter (closs A1/B)	31							-			*	1	1		_	
6KAF63422	\$4750.00	RFI Filter (class A1/8)	32					_		-	-				1	1		
6KAF61412	\$1325.00	RFI Filter (class A1/8)	23								1		_				1	1
6KAF61416	\$1535.00	RFI Filter Icloss A1/B	24				-	_		_	1	1		-	_		2.00.2	
6KAF61419	\$2565.00	RFI Filter (class A1/B)	33						-		_	-	1	1		-		-
6KAF61420	\$3185.00	RFI Filter (closs A1/B)	34		-			_		_	_	- 63			1	1		
		1011 NO.1 10433 MIZ (3	24														1	1
urrent Transdu																	_	
6KAF61896	\$1580.00	Current Transducer Cord	31/33											1	1	1		
6KAF61895	\$1590.00	Current Transducer Card	32/34													-	1	1
C Link					_		_					_					-	+
6KAF65160	\$910.00	DC Constant																
		DC Coplicitors	31	3700uF		_		_						\$				
6KAF65159	\$1050.00	DC Capacitors	31	4500uF											2			
6KAF65158	\$1275.00	OC Capacitors	31	\$300uF			1.1			-						2		-
6KAF65157	\$825.00	DC Capacitors	32	3700uF		_										-	2	
6KAF65156	\$1030.00	DC Capacitors	32	4500uF													-	2
6KAF61423	\$1440.00	DC Copocitors	33/34	4500uF											2	2	2	2
EVALESADED.	\$1200.00	OC Link Reactors	21	780mH		-	-	_		_	1			_		-	-	-
6KAF61060	\$1260.00	DC Link Reactors	22	490mH			-		-	-	*	1	-		-			-
6KAF61062	\$1385.00	DC Link Reactors	22	410mH			-	_		-	-	1			-	_	-	_
6KAF61062		DC Link Reactors	31				_	-			-		1				-	_
6KAF61062 6KAF61063			21	300mH				_	-		_	- C.		1	_		200	
6KAF61062 6KAF61063 6KAF61035	\$2205.00			340-11														
6KAF61062 6KAF61063 6KAF61035 6KAF61036	\$2205.00 \$2630.00	DC Link Reactors	31	260mH	_	-		_			_		1.1		1		_	_
6KAF61062 6KAF61063 6KAF61035 6KAF61036 6KAF61037	\$2205.00 \$2630.00 \$2960.00	DC Link Reactors DC Link Reactors	31 31	₹00mH		-									1	1		-
6KAF61062 6KAF61063 6KAF61035 6KAF61036 6KAF61037 6KAF61038	\$2205.00 \$2630.00 \$2960.00 \$3535.00	DC Link Reactors DC Link Reactors DC Link Reactors	31 31 32			-								-	1	1	1	
6KAF61062 6KAF61063 6KAF61035 6KAF61036 6KAF61037 6KAF61038 6KAF61039	\$2205.00 \$2630.00 \$2960.00 \$3535.00 \$4090.00	DC Link Reactors DC Link Reactors DC Link Reactors DC Link Reactors	31 31	₹00mH							2.17				1	1	1	1
6KAF61062 6KAF61063 6KAF61035 6KAF61036 6KAF61037 6KAF61038 6KAF61039 6KAF61950	\$2205.00 \$2630.00 \$2960.00 \$3535.00	DC Link Reactors DC Link Reactors DC Link Reactors	31 31 32	200mH 170mH				_			2.00		1		1	1	1	1



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IP 20 - 230 Vac, 3-Phase, 50/60Hz Input (continued)

IP 55/66 - 230 Vac, 3-Phase, 50/60Hz Input (continued)

Product	List Price	Description	Unit Size	Rating					0	rive Hp	o and Q	uantity	Per D	ríve				
Number	GO-SRP				1/3	1/2	1	2	3	5	7.5	10		20	25	30	40	50
Fans																	-10	
6KAF61009	\$160.00	Fon Assembly	12	533	1													
6KAF61010	\$160.00	Fon Assembly	13		-	- 1	-	1	1					_		1.1	_	
6KAF61017	\$295.00	Fon Assembly	15		1					+	_			_				
6KAF63563	\$270.00	External Fan (IP20)	23	12W		- *	-	1	1	1				1	-		_	_
6KAF63699	\$250.00	External Fon #P20)	24	12W		_		-			1	1			_	_		-
6KAF64292	\$250.00	External Fan (IP20)	33	12W					-				1		_		_	_
6KAF64294	\$355.00	External Fan IIP20	34	18W			-		_	_	_		-	5	5	2		_
6KAF63407	\$455.00	External Fan (IPSS)	21	22W		_								_	_		2	2
6KAF63406	\$540.00	External Fan IIP551	22	22W				-	_	_	1	1		_	_		_	_
6KAF63865	\$645.00	External Fan IIP551	31	26W			_						1		1.1	_		_
6KAF63867	\$1235.00	External Fan (PSS)	32	22W									_	1	1	1		_
6KAF63440	\$100.00	Internal Fan	21/23	SBW			_				1		_		_		1	1
6KAF63441	\$100.00	Internal Fon	22/24	5 8W					-		1	1						1
6KAF63923	\$110.00	Internal Fan	31/32/33/34	5 8W			-		-			-	1	1				-
ccessory Bags					_	_				_				*		1	1	
6KAF61022	\$275.00	Connectors Accessory Bog	12/13	- C.	1													
6KAF61023	\$240.00	Connectors Accessory Bog	15		1	1	1	1	1	1			_	_	_		_	-
6KAF62060	\$120.00	Connectors Accessory Bag	21		- 4	1	-	1	1	1							_	_
6KAF62061	\$125.00	Connectors Accessory Bog	22							_	1	1	-	_		÷		
6KAF60980	\$140.00	Connectors Accessory Bog	23			-	_			_			1					
6KAF61300	\$270.00	Connectors Accessory Bog	24			_	-		_		1	1		_	_	_		_
6KAF60046	\$200.00	Connectors Accessory Bog	31					-	_	_		_	1	1			_	_
6KAF60047	\$210.00	Connectors Accessory Bog	32			_		_						1	1	1		_
6KAF60981	\$225.00	Connectors Accessory Bag	33				-				_	_		11			1	1
6KAF60982	\$270.00	Connectors Accessory Bog	34	1				-	_	-		_		_	1	1	200	
5KAF60983	\$270.00	Connectors Accessory Bog	34		-		-			_	_	_			_		1	_
6KAF60633	\$55.00	Broke and Load Sharing Connectors Bag	12/13/15		1	1	1	1	1	1	_							1

IP 20 - 460 Vac, 3-Phase, 50/60Hz Input

IP 55/66 - 460 Vac. 3-Phase, 50/60Hz Input

Product Number	List Price	Description	Unit Size	Rating						D	rive H	a ond	Quant	ity Per	r Drive					
number	GO-5RP				1/2	1	2	3	5	7.5		15		25	30	AC	50	60	75	100
Main Control (Cord																			
6KAF61109	\$950.00	Control Cord	1.00		1	1	1	1			10									
Keypad	_				*		*	1	1	1	1	1	1	1	1	1	1	1	1	1
KYPDACGP1	\$500.00	Realized most Compliant to a							-										_	
6KAF61007	\$45.00	Replacement Graphical Keypad		,	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
6KAF61008	\$60.00	Frame w/o option A or 8	12/13/23		1	1	1	1	1	1	1	1	1							
6KAF60284	\$75.00	Frame w option A or B	12/13/23		1	1	1	1	1	1	1	1	1			-		_		
6KAF63414	\$40.00	frame	24/33/34	-	_					-			22	1	1	1	1	1	1	1
6KAF61011	\$40.00	Frame	15/21/22/31/32		1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
6KAF61012		Terminal cover w/a option A or B	12/13	- H	1	1	1	1	1	1	1									-
6KAF61411	\$40.00	Terminal cover w option A or 8	12/13		1	1	1	1	1	1	1								_	
	\$65.00	Terminal cover	23							199	100	1	-1	_			-		-	
6KAF61410	\$95.00	Terminal cover	23									1	1					_		
Power Card					_		_					10	-			_		_		_
6KAF61841	\$3630.00	Power Card	21	- 23								S.								
6KAF61842	\$4285.00	Power Card	21		_				_		-	1		_	_		_	_	_	_
6KAF61823	\$4380.00	Power Cord	22					_		_	_		1			_	_			
6KAF61825	\$4835.00	Power Cord	22					-		-		_		1	-	_	_			_
6KAF61845	\$1550.00	Power Card	31				-	-	_	_	_				1			-		-
6KAF61846	\$1550.00	Power Card +	31		_			-			_	-	_			1	_			_
6KAF61B47	\$1550.00	Power Card	31			_			_	_		-	-	_			1			<u>.</u>
6KAF61848	\$1735.00	Power Cord	32			-	_		_			_	1	_			-	1		
6KAF61849	\$1735.00	Power Cord	32	-	_						_		_	_	_		_		1	
6KAF61941	\$3830.00	Power Card	23	-				_		_	_		_	_	_	_	_	_	_	1
6KAF61942	\$4285.00	Power Cord	23				-		_	_	_	1	_	1.10	_	_				
6KAF61943	\$4380.00	Power Cord	24			-	_		_				1	_	÷		-			
6KAF61944	\$4835.00	Power Cord	24							_				1	_	_				_
6KAF61945	\$5020.00	Power Card	24				_		_	_		_			1					
6KAF61946	\$1825.00	Power Cord	33		_					_					_	1		-	_	-
6KAF61947	\$1825.00	Power Cord	33			-	_	_		_		_		_	_		1			_
6KAF61948	\$1920.00	Power Card	34			_			_		_	_	_	_				1		
6KAF61949	\$1920.00	Power Cord	34		_	-		_							_				1	
6KAF61843	\$2010.00	Switch Mode Power Supply	22			_			1		_					_				1
6KAF61844	\$2010.00	Switch Mode Power Supply	22			_							-	1		-				
		switch inde rower supply	22												1					
werter IGBTs					-			_		~			_		-	-				
6KAF61884	\$1510.00	Dual IGBT Module	31/33	150A												3	3			
6KAF61885	\$1895.00	Duol IGBT Module	31/33	200A	100		-	-	-	-		-				-	2	3		_
6KAF61886	\$2595.00	Dual IGBT Module	32/34	300A				-						-		-		3	3	3



15-30

IP 20 - 460 Vac, 3-Phase, 50/60Hz Input (continued)

IP 55/66 - 460 Vac. 3-Phase, 50/60Hz Input (continued)

Product Number	List Price	Description	Unit Size	Rating	Drive Hp and Quantity Per Drive
inwes,	GO-SRP				1/2 1 2 3 5 7.5 10 15 20 25 30 40 50 60 75 10
Irake IGBT					
6KAF61884	\$1510.00	Duol IGBT Module	31/33	150A	
6KAF61400	\$2105.00	Dual IGBT Module	32/34	200A	1 1 1
6KAF61886	\$2595.00	Duol IGBT Module	32/34	300A	1
tectifiers					1
6KAF61887	\$620.00	Thursday Maded	2.100		
6KAF61888	\$1130.00	Thyristor Module	31/33	160A	3 3 3
	\$1130.00	Thyristor Module	32/34	240A	3 3
RFI Filters					
6KAF63378	\$680.00	RFI Filter (class A2)	21	1.4	1 1
6KAF63381	\$685.00	RFI Filter (closs A2)	22		1 1
6KAF63427	\$40.00	RFI Filter (class A2)	31	-	
6KAF63377	\$1235.00	RFI Filter (closs A1/B)	21		
6KAF63380	\$1495.00	RFI Filter (closs A1/B)	22		1 1
6KAF63425	\$4265.00	RFI Filter (class A1/B)	31		1 1 1
6KAF63422	\$4750.00	RFI Filter (closs A1/8)	32		
6KAF61412	\$1325.00	RFI Filter (class A1/B)	23		1 1
6KAF61416	\$1535.00	RFI Filter Icloss A1/B)	24		1 1 1
6KAF61419	\$2565.00	RFI Filter Icloss A1/BI	33	1.4	
6KAF61420	\$3185.00	RFI Filter (closs A1/B)	34		1 1
urrent Transd	LICES.				
6KAF61894	\$1310.00	Current Transducer Card	71/75		
6KAF61897	\$1520.00	Current Transducer Card	31/33		1 1 1
	9506U.UU	Carrena Honsoucer Cord	32/34		1 1
DC Link					
6KAF65160	\$910.00	DC Copecitors	31	3700uF	2
6KAF65159	\$1050.00	DC Copocitors	31	4500uF	2
6KAF65158	\$1275.00	DC Capacitors	31	5300uF	2
6KAF65157	\$825.00	DC Capacitors	32	3700uF	2
6KAF65156	\$1030.00	DC Copecitors	32	4500uF	2
6KAF61421	\$1625.00	DC Copecitors	33	\$300uF	2
6KAF61422	\$675.00	DC Copecitors	34	3700uF	2
6KAF61423	\$1440.00	DC Capacitors	33/34	4500uF	2 2
6KAF61060	\$1200.00	DC Link Reactors	21	780uH	1 2 2
6KAF61061	\$1260.00	OC Link Reactors	21	\$80uH	<u>*</u> 1
6KAF61062	\$1260.00	DC Link Reactors	22	490uH	1
6KAF61063	\$1385.00	OC Link Reactors	22	410uH	1
6KAF61035	\$2205.00	DC Link Reactors	31	300uH	1
6KAF61036	\$2630.00	DC Link Reactors	31	260uH	1
6KAF61037	\$2960.00	DC Link Reactors	31	Hu005	1
6KAF61038	\$3535.00	DC Link Reactors	32	170uH	1
6KAF61039	\$4090.00	DC Link Reactors	32	100uH	1
6KAF61954	\$2015.00	DC Link Assembly	24	-	1
6KAF61955	\$2500.00	DC Link Assembly	24		1 1
ens					• •
6KAF61009	\$160.00	Fon Assembly	13		
6KAF61010	\$160.00	Fon Assembly	12		1 1 1 1 1
6KAF61017	\$295.00	Fan Assembly	13		1 1
6KAF63563	\$270.00	External Fan IIP201	23	1704/	1 1 1 1 1 1 1
6KAF63699	\$250.00	External Fan (1920)		12W	1 1
6KAF64292	\$250.00	External Fan (1920)	24	12W	1 1 1
6KAF64294	\$355.00	External Fan (1920)	33	12W	2 2
6KAF63407	\$455.00	External Fan (IPSS)	21	18W	2 2
5KAF63406	\$640.00	External Fon (IPSS)		22W	1 1
6KAF63865	\$645.00	External Fan (IPSS)	22	22W	1 1
6KAF63867	\$1235.00	External Fan (IPSS)		26W	1 <u>1 1</u>
6KAF63440	\$100.00	Internal Fan	32	22W	1 1
5KAF63441	\$100.00	Internal Fan 4	21/23 22/24	58W	1 1
6KAF63923	\$110.00	Internal Fan	31/32/33/34	5 BW	1 1 1 +
	+	Press Press F GIT	21/26/33/34	3 BW	1 1 1 1
cessory Bags					
6KAF61022	\$275.00	Connectors Accessory Bag	12/13		1 1 1 1 1 1
6KAF61023	\$240.00	Connectors Accessory Bag	15	-	1 1 1 1 1 1 1
6KAF62060	\$120.00	Connectors Accessory Bag	21	-	1 1
6KAF62061	\$125.00	Connectors Accessory Bog	22		1 1
6KAF60980	\$140.00	Connectors Accessory Bag	23		1 1
6KAF61300	\$270.00	Connectors Accessory Bog	24	-	1 1 1 1
6KAF60046	\$200.00	Connectors Accessory Bog	31		
5KAF60047	\$210.00	Connectors Accessory Bag	32		
	\$225.00	Connectors Accessory Bog	33		1.1
6KAF60981		Connectors Accessory Bog	34		1 1
	- ##FU.UU	Contraction of the second seco		-	1
6KAF60981 6KAF60982 6KAF60983	\$270.00	Connectors Accessory Bon	34	-	
5KAF60982	\$270.00	Connectors Accessory Bag Broke and Load Sharing	34 12/13/15		1 1 1 1 1 1 1



Rev. 8/15 Prices and data subject to change without natice

IP 00 - 575 Vac, 3-Phase, 50/60Hz Input IP 55/66 - 575 Vac, 3-Phase, 50/60Hz Input

Product	List Price	Description	Unit Size	Rating						D	rive Hp	and ()uentii	y Per I	Drive				
Number	GO-SRP				1	z	3	5	7.5	10	15	20	25	30	40	50	60	75	100
Main Cantrol (Card										-				100				
6KAF61109	\$950.00	Control Card			1	1	1	1	1	,									_
Keypad	_				<u> </u>			1		1	1	1	1	1	1	1	1	_ 1	1
KYPDACGP1	\$500.00	Replacement Graphical Keypod	22																
6KAF61007	\$45.00	Frame w/o option A or B	and the second sec		1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
6KAF61008	\$60.00	Frome w option A or 8	12/13/23		1	1	1	1	1	1	1	1				_			
6KAF60284	\$75.00	Frome	12/13/23	-	1	1	1	1	1	1	1	1	_	-			_		
6KAF63414	\$40.00	Frome	24/33/34							_	-	_	1	1	1	1	1	1	1
6KAF61011	\$40.00	Terminal cover w/o option A or B	15/21/22/31/32 12/13		1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
6KAF61012	\$40.00	Terminal cover w option A or B	12/13		1	1	1	1	1	1				_	_		_		
6KAF61411	\$65.00	Terminal cover	23		1	1	1	1	1	1			_	_	_				
6KAF61410	\$95.00	Terminal cover	23	-			_	_		_	1	1	_		_	_			
Power Card				-						_	1	1							
6KAF61858	*****																		
6KAF61859	\$5020.00	Power Cord	21		-	_					1								
6KAF61935	\$5020.00	Power Card	21	-		_	_					1							
6KAF61940	\$5200.00	Power Cord	22			_	_	_	1.				1			_			
	\$5200.00	Power Cord	22			_			-		111			1					
6KAF61928	\$1735.00	Power Card	31	-		1			-			1.1			1			-	
6KAF61929	\$1735.00	Power Cord	31													1			
6KAF61930 6KAF61931	\$1735.00	Power Card	31		_	_	_		-		_					-	1		
	\$1920.00	Power Cord	32		-		-			_			1				-	1	
6KAF61932	\$1920.00	Power Card	32		1	-		-		_		1.57							1
6KAF61961	\$4925.00	Power Cord	23	· ·					-		1								-
6KAF61962	\$5110.00	Power Cord	23		14 17			_				1							-
6KAF61963 6KAF61964	\$5200.00	Power Card	24			-			-	1	1.1		1						
	\$5300.00	Power Cord	24			_								1					
6KAF61965	\$5390.00	Power Card	24												1				
5KAF61966	\$1825.00	Power Cord	33			- 22								-		1			
5KAF61967	\$1825.00	Power Cord	33														1		
6KAF61968	\$1920.00	Power Cord	34	-											_			1	
6KAF61969	\$1920.00	Power Card	34	-															1
6KAF61B75	\$2085.00	Switch Mode Power Supply	55								-		1				-		-
6KAF61876	\$2085.00	Switch Mode Power Supply	22											1					
Inverter IGBTs					_		_				_							_	
6KAF61403	\$1475.00	Dual IG8T Module	31/33	100A															
6KAF61409	\$1745.00	Dual IG8T Module	31/33	150A		-			-	-				-		3	_	_	_
6KAF61404	\$2400.00	Ougl IGET Module	32/34	200A		-			-			_	1.1-1	_	-	_	3		_
6KAF61432	\$3950.00	Dual IGBT Module	32/34	300A	-		-			_	_			-	_	-	_	3	
Broke (GBT			36134																3
6KAF61403	\$1475.00	Built (CORP. Mar. 3.1															_		
6KAF61404	and the second s	Dual IGBT Module	31/33	100A				-								1	1		
	\$2400.00	Dual IG8T Module	31/33	200A														1	1
Rectifiers		1773-1271					_		_					_		_			
6KAF61429	\$1165.00	Thyristor Module	33	115A												3	3		
6KAF61430	\$1920.00	Thyristor Module	34	220A	_							-	-			-	-	3	3
RFI Filters	_					_												2	
6KAF63378	\$680.00	RFI Filter (closs A2)	21																
6KAF63381	\$685.00	RFI Filter (closs AZ)	22	-	-	-				_	1	1			_		_	_	
6KAF63377	\$1235.00	RFI Filter (class A1/8)	21		-		_						1	1		_	_	_	-
6KAF63380	\$1495.00	RFI Filter (class A1/8)	22						_	-	1	1		-			_		
6KAF63425	\$4265.00	RFI Filter (class A1/B)	31			-		_	_	_			1	1	-				
6KAF63422	\$4745.00	RFI Filter Iclass A1/BI	32	-			-					_		-	1	1	1		
6KAF61412	\$1325.00	RFI Filter (closs A1/B)	23	-		-	-	-		_				_	_	<u></u>		1	1
6KAF61416	\$1535.00	RFI Filter (closs A1/B)				-		-	_	_	1	1		_		2	_		_
6KAF61419	\$2565.00	RFI Filter (closs A1/8)	7 <u>24</u> 7 <u>33</u>			_		_			_		1	1	1				
6KAF61420	\$3190.00	RFI Filter (class A1/B)					-	_	_				-	_		1	1		
		(4114te) (Ju22 M1/D)	34															1	1
Current Transdu														_		_			
6KAF61898	\$1625.00	Current Transducer Card	31/33	-											1	1	1		
6KAF61899	\$1640.00	Current Transducer Card	32/34			-									-	*		1	1
OC Link						_												-	-
6KAF61424	\$860.00	DC Copocitors	31/33	4500uF												2			
6KAF61425	\$1360.00	DC Copacitors	32/34	2700uF			-		-				-		6	Z	5		-
6KAF61060	\$1200.00	OC Link Reactors	21	780uH				-			1		_	_			-	S	2
6KAF61061	\$1260.00	DC Link Reactors	21	580uH		-			-		1	1		_	_		-	-	_
	\$1260.00	DC Link Reactors	22	490uH			-	_	-			1	-		-	_	_		
	\$1385.00	DC Link Reactors	22	4900H		1.1		-	_	_			1		_	_		_	
	\$2210.00	OC Link Reactors	31					_		_				1	_				
	\$2630.00	DC Link Reactors		300uH	_	_	_				_		-	_	1		-	-	-
6KAF61037	\$2500.00	DC Link Reactors	31	260uH				_	_	_	_		_	_		1	_		
and the second s			31	200uH			-	-	_		24						1		
	\$3535.00	DC Link Reactors	32	170uH									_					1	
	\$4100.00	OC Link Reactors	32	100uH		_	_	-	110			_							1
6KAF61959	\$2325.00	DC Link Assembly	24	-	2	_					-		1	1	1				

IP 00 - 575 Vac, 3-Phase, 50/60Hz Input (continued)

IP 55/66 - 575 Vac. 3-Phase, 50/60Hz Input (continued)

Product	List Price	Description	Unit Size	Rating					_	0	rive Ho	o and C	wanti	ty Per I	Drive			1	
Number	GO-5RP			_	1	2	3	S	7.5	10	15	20	25	30	40	50	60	75	100
ans																50	00	12	10
6KAF61009	\$160.00	Fan Assembly	12		1	1		1											
6KAF61010	\$150.00	Fon Assembly	13			*	- 1	1	1			_		_	_	-		_	
6KAF61017	\$295.00	Fon Assembly	15		1	1	1	1	- 1	1			-	-			_		_
6KAF63563	\$270.00	External Fan (IP20)	23	12W		-	-	-	4	1			_			_		-	_
6KAF63699	\$250.00	External Fan (1P20)	24	12W		-					1	1				_		_	
6KAF64292	\$250.00	External Fon (P20)	33	12W						-			1	1	1			_	
6KAF64294	\$355.00	External Fan (IP20)	34	18W		-		_			-	-		_		Z	S	_	-
6KAF63407	\$455.00	External Fan (IPSS)	21	22W	-		_	-					_					5	2
6KAF63406	\$640.00	External Fan (IPSS)	22	22W				-			1	1			_	-			_
6KAF63865	\$645.00	External Fan (P55)	31	26W				-	_				1	1	_		_		_
6KAF63867	\$1235.00	External Fan (PSS)	32	22W		-	_		_	-	-	_	_		1	1	1	_	-
6KAF63440	\$100.00	Internal Fan	21/23	SBW		-	-		-	_				_	-	_		1	1
6KAF63441	\$100.00	Internal Fan	22/24	5.8W				-			1	1		-			-		
6KAF63923	\$110.00	Internal Fan	31/32/33/34	5 8W		-	-	-	-			-	1	1	1	1			-
ccessory Bags	;	-			_			_		_					1	1	-	1	-
6KAF61022	\$275.00	Connectors Accessory Bog	12/13		1	1	1												
6KAF61023	\$240.00	Connectors Accessory Bog	15		1				1	+					_		_	_	-
6KAF62060	\$120.00	Connectors Accessory Bog	21			-		1	4	1						_	_	_	_
6KAF62061	\$125.00	Connectors Accessory Bog	22			-			_		1	1			_			_	_
6KAF609B0	\$140.00	Connectors Accessory Bog	23		-	-	-	-		-			1	1	_	_			_
5KAF61300	\$270.00	Connectors Accessory Bog	24			-	-	-	_		1	+					_		1111
5KAF60046	\$200.00	Connectors Accessory Bag	31			-					-		1	1	1		_		_
6KAF60047	\$210.00	Connectors Accessory Bog	32				-						_		1	1	1		_
6KAF609B1	\$225.00	Connectors Accessory Bog	33		_	-	-		_	_			-			_	_	1	1
6KAF60982	\$270.00	Connectors Accessory Bog	34		-	-		-				_		-	_	1	1	-	_
6KAF60983	\$270.00	Connectors Accessory Bog	34					_	_			_		_	_		_	1	_
6KAF60633	\$55.00	Broke and Load Sharing Connectors Bog	12/13/15		1	1	1	1	1	1				-	-		-		1

High Power

IP 00 - 460 Vac, 3-Phase, 50/60Hz Input

IP 21/54 - 460 Vac. 3-Phase, 50/60Hz Input

Product	List Price	Description	Unit Size	Rating						D	rive Ho	and Q	kuantii	v Per I	Drive		_		_
Number	GO-5RP				125	150	200	250	300	350	450		550	600		750	900	1000	1200
Main Control Ca	rd																200	1000	22.00
6KAF61109	\$950.00	Control Card		23	1	1	1	1	1										
Keypad						-	•	1		1	1	1	1	1	1	1	1	1	1
KYPDACGP1	\$500.00	Replacement Graphical Keypod			,							_							
6KAF63414	\$40.00	Frame			1	1	1	1	1	1	1	1	1		1		1		1
Power Card				- C			•	<u> </u>	•	<u> </u>		-		1	_ +	ţ	1	1	1
6KAF6H8643	\$2100.00	PCA3 - Power Cord	÷.		-														
6KAF6H8644	\$2100.00	PCA3 - Power Card	-	_	1			_	-	-	_	_	_						
6KAF6HB645	\$2100.00	PCA3 - Power Card				1		_	_	-				-					
5KAF6H8645	\$2100.00	PCA3 - Power Card			_		1				_		_						
5KAF6H8647	\$2100.00	PCA3 - Power Cord						1		_	_	_		_	_				_
6KAF6H8648	\$2100.00	PCA3 - Power Card				_	_		1		-	_	_			_			
6KAF6H8649	\$2100.00	PCA3 - Power Card		-	_			_	_	1				_	1.1				_
6KAF6H8650	\$2100.00	PCA3 - Power Cord					_	_		_	1	_		_				_	
6KAF6H8651	\$2100.00	PCA3 - Power Card				_		-	_	-		1	_	_		_			
6KAF6H8780	\$2625.00	PCA3 - Power Card				-			_				1					_	
6KAF6H8781	\$2625.00	PCA3 - Power Card			_	_	ù		_			12		3	-				
6KAF6H8782	\$2625.00	PCA3 - Power Cord				-	-	_	_	_				_	3	_		_	
6KAF6H8783	\$2625.00	PCA3 - Power Card					_			_			-	_	-	3			
6KAF6H8784	\$2625.00	PCA3 - Power Card					_	_	-		_	_		_		_	3		
6KAF6H8785	\$2625.00	PCA3 - Power Cord								_	_	_	_	_		-		4	
6KAF6H8308	\$95.00	PCA4 - Current Scoling PCA, 4 S4 Ohm										_		_	-	-		-	4
6KAF6H83D9	\$95.00	PCA4 - Current Scaling PCA 3 79 Ohm		_	1			_			-		_	-		_			
5KAF6H8310	\$100.00	PCA4 - Current Scaling PCA 3 10 Ohm		111		1		-	_				_				_	_	
6KAF6H8311	\$95.00	PCA4 - Current Scoling PCA, 2.56 Ohm		_			1		-	_		-					_		
6KAF6HB312	\$100.00	PCA4 - Current Scoling PCA, 5:10 Ohm				-		1		_	1	1	-			3	_	_	3
6KAF6H8554	\$100.00	PCA4 - Current Scaling PCA, 4 21 Ohm						-	1										
6KAF6H8627	\$135.00	PCA4 - Current Scaling PCA, 2 32 Ohm				-			-	1		_	_	5	2	-	_	3	_
6KAF6H8773	\$1840.00	MDCJC board, CC			-			_	_	_		_	1	-		_	2		
6KAF6H8626	\$1650.00	PCAS - Gote Drive PCA,CC		-	1								_	1	1	1	1	_1	1
6KAF6H8307	\$215.00	PCA8 - HF PCA				-	1	1	1	1	1	1	1	_			_		
6KAF6H8305	\$1535.00	PCA11 - Softcharge PCA.CC			1	1	1	1	1	1	1	1	1			_	1.1.17		
6KAF6H8555	\$1550.00	PCA11 - Softcharge PCACC		_	1	1	1	1	1		_	_	-	_	-	_	_	-	
6KAF6H8510	\$240.00	PCA9 - Balance PCA					1	-	2	2	1 2	1 2	1 2	_				_	_



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Section 15

IP 00 - 460 Vac, 3-Phase, 50/60Hz Input (continued) IP 21/54 - 460 Vac, 3-Phase, 50/60Hz Input (continue

Product	List Price	Description	Unit Size	Rating						p	rive Hp	o and 4	Jugoti	ty Par	Drive	
lumber	GO-5RP				125	150	200	250	300	350	450	500	550	600	650 750	900 1000 12
verter (GBTs													4.74	000	030 7.30	300 1000 12
6KAF6H8628	\$5700.0	IGRT 1 3 IGRT by 7001														
6KAF6H8629	\$7630.00	and a start start			1	_	5	5								
6KAF6H863D	\$5740.0	the start and start starts			_	1	-		2	1						
6KAF6H8631	\$7790.00									3						
6KAF6H8323	\$105.00								_		3	3	3			
		IGBT Snubber, 1000V, 1 5 F	•		3	3	6	6	6	9	9	9	9			
6KAF6H8749	\$107800.00	Inverter Module				_	_	_	_							
6KAF6H8750				-				_	_		_			2		
6KAF6H8751						_	-	_	_			_			2	
6KAF6H8752					_	_	-				_				5	
6KAF6H8753					_	_	_				-					2
6KAF6H8754					_											3
		niverter Produle														3
rake (GBT											_			_		
6KAF6H8316	\$3370.00	IGB T4.5 - Broke IGBT kit			1	1	2	2	2	S	2	2	Z			
ectifiers						_				-	-	<u> </u>	÷			
6KAF6H8317	\$1400.00	SCR 1, 2, 3 - SCR/Diode kit, 160A														
6KAF6H8318	\$1435.00	SCR 1, 2, 3 - SCR/Diode kit, 175A			3	3			_		_					
6KAF6H8319	\$2275.00	SCR 1, 2, 3 - SCR/Diode kit, 250A			_	-11	3			-						
6KAF6H8320	\$2460.00	SCR 1, 2, 3 - SCR/Dinde kit, 330A		_	_	_	_	3		_						
6KAF6H8558	\$2620.00	SCR 1, 2, 3 - SCR kit, 500A			_	-	_	_	3	_					1	
6KAF6H8559	\$2340.00	D 1, 2, 3 - Diode kit, 600A		_						3	3	3	3			
6KAF6H8718		Rectifier Module					_	_	_	3	3	3	3			
6KAF6H8719		Rectifier Module			_	_		_	- 11	_				1	100	
5KAF6H8720		Rectifier Module			_	_	-		_	_		_	_		1	
6KAF6H8721		Rectifier Module				-	_	-	_		_			_	1	
6KAF6H8722		Reculier Module	-	177	_		_	_		_		10				1
6KAF6H8723		Rectifier Module			_			_	_	-		_	_	_		1
rrent Transduc																1
6KAF6H8342									_			_	_	_		
6KAF6H8343	\$525.00	L2 3, 4 - Current Sensor, 300A	-		3	3	3	3								
6KAF6H8563	\$755.00	L2, 3, 4 - Current Sensor, 500A	-						3	3			-			
	\$1925.00	L2, 3, 4 - Current Sensor, 1000A	-								3	3	3			
Link						_	_		_	_		-	-			
6KAF6H8324	\$4570.00	CBANK 1, 2 - CAP Bonk, 4 Cop	-		1			-								
6KAF6H8325	\$6115.00	CBANK 1, 2 - CAP Bank, 6 Cop			-	1		2	1							
6KAF6H8636	\$6410.00	CBANK 1, 2 - CAP Bank, 6 Cop				1	4		1	-		_		_	1.	
6KAF6H8637	\$9570.00	CBANK 1, 2 - CAP Bonk, 8 Cop				-	-		-	2	1					
6KAF6H8337	\$3185.00	L1 - Bus Inductor, 200uH			1			-		_	1	5	2	_		
6KAF6H8338	\$3380.00	L1 - Bus Inductor, 1570H			-	1			-			_	_			
6KAF6H8339	\$3720.00	L1 - Bus Inductor, 136uH				-	1	-			-		_	_		
6KAF6H8340	\$3950.00	L1 - Bus Inductor, 109uH		14.55				1	-				_			
6KAF6HB341	\$4175.00	L1 - Bus Inductor, 87uH				_	-		1	-			-	_		
SKAF6H8564	\$6600.00	L1 - Bus Inductor, 62uH							÷	1						
5KAF6H8565	\$7140.00	L1 - Bus Inductor, StuH								÷	1	1				
5KAF6H8322	\$515.00	R1 - Softcharge Resistor, 27 Ohm, 110W			1	1	1	1	1		4	1	1			
5KAF6H8560	\$575.00	R1 - Softcharge Resistor, 27 Ohm, 155W				-	-	*	4	1	1	1				
es						_				4	-	1	1			
KAF6HB334	\$300.00	FU 1, 2, 3 - Fuse Moin, 350A			-											
KAF6H8335	\$345.00	FU 1, 2, 3 - Fuse Main, 630A		_	3	3										
KAF6H8591	\$560.00	FU 1, 2, 3 - Fuse Main, 630A					3	3	3			_				
KAF6H8592	\$840.00	FU 1,2,3 - Fuse Main, 900A	-							3						
KAF6H8769	\$3460.00	Fuse Mains, 2000A	-			_	_				3	3	3	1.1		
KAF6H8770	\$3860.00	Fuse Mains, 2500A					_							3	3 3	3
KAF6H8767	\$1555.00	Fuse DC, 1100A					_									3 3
KAF6H8768	\$1370.00	Fuse, DC, 1400 A	*											4	4	6
KAF6H8336	\$130.00	Fuse Softcharge, 20A, PKG3													4	4 6
KAF6H8440	\$78.00	FU 5 - Fuse, 4A, PKG3, Power PCA, Fon			1	1	1		1	1	1	-	1			
KAF6H8440	\$78.00	FU 4 - Fuse 4A PKG3 Power PCA Fon				1		-	1	1	1	1	1			
KAF6H8609	\$225.00	FU 4 - Fuse, 15A, PKG3, Fon	-		1	1	1	1	1	1						
			-								1	1	1			
KAECUD230	*****							_			_	_				
KAF6H8329	\$2185.00	F1+C1 - Heatsink Fan Assy	-		1	1	1	1	1							
KAF6H8578	\$4270.00	F1+C1 - Heatsink Fan Assy								1		-	-			
CAF6H8579	\$9975.00	F1+C1 - Heatsink Fan Assy	-					_	-	-	1	1	1			
(AF6H8771	\$2990.00	Heatsink Fan					-	_	-		-	-	•	3	3 3	2 6 5
(AF6H8330	\$1580.00	F 2.3 - Door Fon Kit	41/42/51		1	1	1	1	1	1	1	1	1	-	<u> </u>	3 4 4
(AF6H8331	\$170.00	Door Vent Kit	41/42/51				1	-	1	1			1			
KAF6H8332	\$155.00	oor Fon Filter, PKG10 (IP54/Nema 12 Drive)	41/42/51				1			1	1	1				
(AF6H8639	\$225.00	F 4 - DC Top Fon, IPOD/Open Chassis Drive	43/44			1	1 12		1	-			4			
KAF6H8333	\$1150.00	F 2 - Door/Top AC Fon	52							1	1	1	1	-		
CAF6H8333	\$1150.00	F 2.3 - Door/Top AC Fan	41/42/51		1 1		1 :	1				1			_	
AF6H8772	\$4250.00	Fan Door	-							*	-		a	3	3 3	1 1 -
CAF6H8612	\$770.00	FU 5 - Fuse Fan, Input Plate	-							1	1	1	1	٤	3 3	3 3 3
	\$500.00	TR 1 - Fon Transformer Assy, 500V	-		1 1		1 1			*	A	A	·			
CAF6H8344		70 4 4 - 4						-	-	_		_	_	_		
AF6H8566	\$580.00	TR 1 - Fon Transformer Assy	· ·							1						
AF6H8566 AF6H8567	\$580.00 \$1990.00 \$1410.00	TR 1 - Fon Transformer Assy TR 1 - Fon Transformer Assy, 1500VA L5 - Heatsink Fan Inductor	-							1		1 1	_		_	

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IP 00 - 690 Vac, 3-Phase, 50/60Hz Input

IP 21/54 - 690 Vac, 3-Phase, 50/60Hz Input

Product Number	List Price GO-SRP	Description	Unit Size	Rating				_		0	rive H	p ond	Quant	ity Per	Driv	e	-	-	-	-
					125	150	200	250	300	350	400	500	600	650			0 100	0 1150	1250	13
Main Control (6KAF61109	Card \$950.00																			
	\$950.00	Control Card		* (1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Keypod KYPDACGP1						_	_			_	_					-			<u>+</u>	
6KAF61007	\$500.00	Replocement Graphical Keypod	÷		1	1	1	1	1	1	-1	1	1	1	: 1	1	1	1	,	
	343.00	Frome		1.1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Power Card 6KAF6H869	5 \$2100.00				-			-		_			_	_	_					-
6KAF6H868		Power Cord	-		1		_													
6KAF6H868		Power Card Power Card				1			_									-		-
6KAF6H868		Power Cord			_	_	1		_										-	
6KAF6H8683	\$2100.00	Power Cord	-		_		_	1	-		_	_	_		_		-			
6KAF6H8684		Power Cord			-				1	1	_	_	_	_		_				
6KAF6H8685		Power Card					-	-		*	1	-	-		_	_		_		
6KAF6H8686 6KAF6H8687		Power Cord									*	1	-			-	-			_
6KAF6H8688		Power Card Power Card											1		-	-		-		-
6KAF6H8689		Power Card						_		-				1	-		-		-	-
6KAF6H8792		Power Cord	-							_			1	- 201	1					
6KAF6H8793		Power Cord			-					_	_	_	-		_	3	-			
6KAF6HB794		Power Cord					-	-	-	-		_	_	_	-	-	3	-		_
6KAF6H8795 6KAF6H8796		Power Card									-	_	-	-	-			3	4	
6KAF6H8308		Power Cord PCA4 - Current Scoling PCA, 4 54 Ohm					-						-	-	-	-	-		44	4
6KAF6H8309		PCA4 - Current Scaling PCA, 4 54 Ohm PCA4 - Current Scaling PCA, 3 79 Ohm		-	_	_	1			-		1	1			2			3	**
6KAF6H8310		PCA4 - Current Scoling PCA 3 10 Ohm					_	4		_			1.1	1		-	2			-
6KAF6H8311	\$95.00	PCA4 - Current Scaling PCA, 2 56 Ohm				-		1	1		_	-	1.1.1	_		_	12			
6KAF6H8312	\$95.00	PCA4 - Current Scoling PCA, 5 10 Ohm				_	-	_	-	1	1			-	1	-	_	2	-	
6KAF6H8525 6KAF6H8773	\$95.00	PCA4 - Current Scoling PCA, 5 B5 Ohm		-	1	1		_		-	•		_	-						_
6KAF6H8626	\$1640.00	MDC/C Board, CC			-	-	_				-				-	1	1	1	1	-
6KAF6H8523	\$215.00	PCA5 - Gole Drive PCA,CC PCA8 - HF PCA		_	1	1	1	1	1	1	1	1	1	1	1		*		*	-
6KAF6H8522	\$1535.00	PCA11 - Softcharge PCA, CC			1	1	1	1	1	1	1	1	1	1	1	_		_		-
6KAF6H8466	\$1535.00	PCA11 - Softcharge PCA, CC			-	1	1	1	1	1	1		-	-			_		-	
6KAF6H8526	\$250.00	PCA9 - Balance, PCA			1	1	1	2	2	2	2	1 2	1	1	1	_		_		_
verter IGBTs							•	-	•	<u> </u>	<u>د</u>	٤	2	2	2	_				
6KAF6H8632	\$8300.00	IGST 1, 2 - IGBT kt, 300A	12.2		1	1		2	-											_
6KAF6H8633	\$10815.00	IGBT 1, 2 - IGBT kit, SOA					1	6	2	2	2				_					
6KAF6H8634 6KAF6H8635	\$8440.00	IGBT 1,2,3 - IGBT kit, 300A		1.1	1.1							3	3	-	_	_			_	-
6KAF6H8534	\$160.00	IG8T 1.2.3 - IG8T kit, 450A	-									-	-	3	3		-	-	-	_
		C2.3,4,5,6,7,8,9,10 - CAP IGBT Snubber, 1250V, 1uF			3	3	3	6	6	6	6	9	9	9	9		-		-	
6KAF6H8760		Inverter Module				_				_	_									
6KAF6H8761		Inverter Module							_	-		-	_	_	_	5		_	-	
6KAF6H8762 6KAF6H8763	\$322260.00	Inverter Module						-					-	_			2			_
6KAF6H8764		Inverter Module	-								-	-	-		_	-	-	5	3	-
	4191903.00	Inverter Module														-	-	-	3	3
oke IGBT 6KAF6H8316	2333a.aa						_	_		_	_					_				2
	\$3370.00	IGBT 4, 5 - Brake IGBT lut			1	1	1	2	2	2	2	2	z	2	2					
etifiers					_		_	_			_	_		-	-	_				
6KAF6H8529 6KAF6H8530	\$1415.00	SCR 1, 2, 3 - SCR/Diode kit, 160A			3	3	3	3												
6KAF6H8434	\$2830.00	SCR 1, 2, 3 SCR/Diode kit, 280A SCR 1, 2, 3 - SCR kit, 430A	-		100		-		3	3	3				-	-			-	-
6KAF6H8435	\$4290.00	D 1, 2, 3 - Diode kit, SADA		_			_		_	_					3	1.1		-	-	-
6KAF6H8729	\$265810.00	Rectifier Module						-				3			3					
6KAF6H8730	\$265810.00	Rectifier Module						_	-	-		_		_	-	1		_	_	
6KAF6H8731	\$265810.00	Rectifier Module	-			-	-	-		-		_	-	_	_		1		-	
6KAF6H8732 6KAF6H8733	3357675.00	Rectifier Module	-							-		_						1		11
		Rectifier Module	5									_	-	-	-			_	1	1
rrent Tronsduc		10000		-								_			_			_	_	+
6KAF6H8342 6KAF6H8343	\$525.00	L2. 3. 4 - Current Sensor, 300A			3	3	3	3	3	5										
6KAF6H8563	\$750.00 \$1925.00	L2 3 4 - Current Sensor, 500A		_						3	1 3		1 3	-	-	-	-	-		
	**363.00	L2_3, 4 - Current Sensor, 1000A	÷.							-			-		5	-		1.1		
Link 6KAF6H8532						_		_			_	_	_		_	_				
6KAF6H8533	\$7360.00	CBANK 1, 2 - CAP Bonk, 4 Cop	*		11	1	2	2 3	21											
6KAF6H8638	\$12310.00	CBANK 1. 2 - CAP Bank, 6 Cop CBANK 1. 2 - CAP Bank, 8 Cop	-	_			1		1						-			-		
6KAF6H8536	\$3435.00	L1 - Bus Inductor, 3SOUH	-			_		_	-	_	2	2	2	2						
6KAF6H8537	\$3550.00	L1 - Bus Inductor, 250uH	*		1 1			-	_	_	_			11.2	_					
	\$3975.00	L1 - Bus Inductor, 1950H	-	-	-				_						-	_				
6KAF6H8538			-	-	-		1	1		1.2		_	_							
6KAF6H8538 6KAF6H8339	\$3720.00	L1 - Bus Inductor, 136uH	-																	
6KAF6H8538 6KAF6H8339 5KAF6H8340	\$3950.00	L1 - Bus Inductor, 109uH	-					-	1			-		-		_		1.11		
6KAF6H8538 6KAF6H8339 6KAF6H8340 6KAF6H8469	\$3950.00 \$6730.00	L1 - Bus Inductor, 1090H L1 - Bus Inductor, 730H					-	-	1	1		1	1	1	-					
6KAF6H8538 6KAF6H8339 5KAF6H8340	\$3950.00 \$8730.00 \$\$65.00 R	L1 - Bus Inductor, 109uH		_	1 1	. 1	1	_1		1	1	1	1	1					_	



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Rev. 8/15 Prices and data subject to change without notice

Section 15

IP 00 - 690 Vac, 3-Phase, 50/60Hz (nput (continued)

IP 21/54 - 690 Vac, 3-Phase, 50/60Hz Input (continued)

Product	List Price	Description	Unit Size	Rating						D	rive Hp	and O	huanti	v Per I	Trive				_
Number	GO-SRP		11.1		125	150	200	250	300	350	400	500	600	650	750	900	1000	1150	1250
Fuses					-122									0.00	130	300	1000	1120	1230
6KAF6H8334	\$300.00	FU 1 2 3 - Fuse Main, 350A			3	3	3												
6KAF6H8591	\$\$60.00	FU 1, 2, 3 - Fuse Main, 700A	-		2	2	2			-	_		-	-		_	_		
6KAF6H8592	\$850.00	FU 1, 2, 3 - Fuse Main, 900A		-				-		-		3	3	3	_				
6KAF6H8540	\$570.00	FU 1, 2, 3 - Fuse Main, 550A		1.				3			-		<u></u>		3	_			-
6KAF6H8769	\$3560.00	Fuse Moins, 2000A			-			2	2	3	3	-	_	1.1		_			
6KAF6H8767	\$1555.00	Fuse DC, 1100A			-			_		_			_			3	3	3	3
6KAF6H8336	\$130.00	Fuse Softchorge, 20A, PKG3			1			1			-				_	4	4	4	6
6KAF6H8440	\$80.00	FU 5 - Fuse, 4A, PKG3, Power PCA, Fon		_			-	1		1	1	1	1	_1	1				
6KAF5H8440	\$80.00	FU 4 - Fuse, AA, PKG3, Power PCA, Fon				1	1	4	1	1	1	1	1	1	1				
6KAF6H8609	\$225.00	FU 4 - Fuse, 15A, PKG3, Fan	-			1		1	1	1	1	1	1			_	_	_	
ons	-					_		_	_	_			_	1	1	_			
6KAF6H8329	\$2185.00	F1+C1 - Heatsink Fan Assy	104.0		1	1	1												
6KAF6H8578	\$4275.00	F1+C1 - Heatsink Fon Assy	-				-	-1	<u>_</u> !		_1								
6KAF6H8579	\$9975.00	F1+C1 - Heatsink Fon Assy					_					1	_1						
6KAF6H8771	\$2990.00	Heatsink Fan											_	1	1				
6KAF6H8330	\$1580.00	F 2.3 - Door Fan Kit	41/42/51		1	1	1	1								3		3	4
6KAF6H8331	\$170.00	Door Vent kit	41/42/51			1	1	4	4	1	+	1	1	1	1			_	_
6KAF6H8332	\$150.00	Door Fan Filter, PKG10 IIP54/Nema 12 Drive	41/42/51		1	-	-		-	-	1	1	1	1	1			_	
6KAF6H8639	\$225.00	F 4 - DC Top Fon, IP00/Open Chossis	43/44		1	1	1		1	1		_1	1		1				
6KAF6H8333	\$1150.00	F 2 - Door/Top AC Fon	52			-	-	4		1		-							
6KAF6H8333	\$1150.00	F 2.3 - Door/Top AC Fon	41/42/51		1	1	1			-		1	1	1	1		_	1	
6KAF6H8772	\$4250.00	Door Fan		-		*	1	4	1	1	1	1	1	1	1				
6KAF6H8535	\$800.00	TR1 - Fon Transformer Assy, 690V 400VA			1	1	1	1								3	3	3	3
6KAF6H8471	\$570.00	TR 1 - Fan Transformer Assy			*		-		4	1		1	1				2.0		
6KAF6H8577	\$1410.00	L5 - Heatsink Fan Inductor			_									. 1	1				

High Power Cables

IP 00 - 460 Vac, 3-Phase, 50/60Hz Input

IP 21/54 - 460 Vac, 3-Phase, 50/60Hz Input

Product Number	List Price	Description	Unit Size			Dri	ve Hp and	d Ouontity	Per Drive			
number	GO-SRP			125	150	200	250	300	350	450	500	550
Cables						10.000	1000					
6KAF6H8640	\$70.00	CBL1 - Keypad Cable for IPS4/Nema 12 Drive Type										
6KAF6H8586	\$75.00	CB(1 - Keypad Cable	41/42	1	1	1	1	1				
6KAF6H8641	\$80.00	CBL2 - Control Coble PCA, 44pm	\$X		-				1	1	1	1
6KAF6H8541	\$165.00	CBL5 - Current Sensor Cable	AX & SX	1	1	1	1	1	1	1	1	1
6KAF6H8349	\$365.00	CBL5 - Current Sensor Cable	4X	1	1		-	- 12				
6KAF6H8568	\$235.00		42			1	1	1				
6KAF6H8569	\$245.00	CBL5 - Current Sensor Cable	SX						1			
6KAF6H8542	\$75.00	CBL5 - Current Sensor Cable	5X			1				1	1	1
6KAF6HB359	\$100.00	CBL8 - HS Fan Cable	41	1	1							
6KAF6H8571		CBL8 - HS Fan Cable	42			1	1	1				
6KAF6H8572	\$80.00	CBL8 - Fan Cable for IP00/Open Chassis Drive Type	51						1			-
	\$120.00	CBLB - Fan Cable for IPS4/Nerna 12 Drive Type	52		1 22	6-1-1-T			1			
6KAF6H8S73	\$85.00	CBLB - Fan Cable for IP00/Open Chassis Drive Type	51							1	1	1
6KAF6H8574	\$125.00	CBLB - Fon Cable for IP54/Nema 12 Drive Type	52	1.1		1.1			-	1	1	1
6KAF6H8354	\$60.00	CBL9 - Softcharge Cable RST prime	AX	1	1	1	1	1	-		-	-
6KAF6HBS70	\$55.00	CBL9 - Softcharge Coble RST prime	5X		12			-	1	1	1	1
6KAF6H8358	\$55.00	CBL12 - Door Fan Cable	41/42	1	1	1	1	1	+			4
6KAF6H8544	\$110.00	CBL13 - SCR Coble	41	1	1							_
6KAF6H8357	\$110.00	CBL13 - SCR Cable	42			1	1	1				_
6KAF6HB575	\$205.00	CBL13 - SCR Cable	5X					-	1	1		
6KAF6H8356	\$45.00	CBL14 - DC to Power PCA Coble	48	1	1	1	1	1	1	-	1	1
6KAF6H8576	\$50.00	CBL14 - DC to Power PCA Coble	5X		-	····	1		1	1		
6KAF6H8830	\$20.00	CBL15 - RFI Switch Cable	4X	1	1	1	1		1	- 1	1	1
6KAF6H8580	\$65.00	CBL15 - RFI Switch Coble	5X		•		-					_
6KAF6H8363	\$30.00	C8L16 - Gate Driver Cable, 15pin	41	1	1				1	1	1	1
6KAF6H83S0	\$41.00	CBL16 - Gote Driver Coble, 16pin	42	-	-	1	1	1				
6KAF6H8581	\$45.00	CBL16 - Gate Driver Cable, 16pin	5X			-	1	1				
6KAF6H8364	\$60.00	CBL17 18.19 (GBT Gate Cable	41	3	3				1	1	1	1
6KAF6H8351	\$95.00	CBL17, 18, 19 - IGBT Gate Cable	42	3		3		-				
6KAF6H8582	\$40.00	CBL17,18.19 - IGBT Gate Cable	51		-	3	3	3				
6KAF6H8352	\$65.00	CBL20 - IGBT Temperature Coble		4					3	3	3	3
6KAF6H8365	\$40.00	CBL21 - Broke IGBT Coble	41	11	1	1	_1	_1	1	1	1	1
6KAF6H8368	\$65.00	CBL21 - Brake IG8T Cable	42	1	1					_		
6KAF6H8583	\$85.00	CBL21 - Broke IGBT Coble	5X		_	1	1	1				
6KAF6H8366	\$320.00	CBL22 - Broke Power Plus Cable							1	1	1	1
6KAF6HB369	\$595.00	CBL22 - Broke Power Plus Cable	41	1	1	-						-
6KAF6H8367	\$320.00	CBL22 - Broke Power Minus Cable	42		_	1	1	1				
6KAF6H8370	\$550.00	CBL23 - Brake Power Minus Coble	41	1	1				_			
6KAF6HBS43	\$55.00	CBL24 - Softcharge RST Cable	42			1	1	1				
	000.00	Couze - Soncharge HST Cable	41	1	1							

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IP 00 - 460 Vac, 3-Phase, 50/60Hz Input (continued) IP 21/54 - 460 Vac, 3-Phase, 50/60Hz Input (continued)

Product Number	List Price	Description	Unit Size						/ Per Drive			
FUTTOET	GO-SRP			125	150	200	250	300	350	450	500	550
ables (continue	edi											
6KAF6H8353	\$75.00	CBL24 - Softcharge RST Cable	42			1	1	-1				
6KAF6HB5B4	\$45.00	CBL24 - Softcharge RST Cable	SX			•	-	· ·	1	1	1	1
6KAF6H8355	\$45.00	CBL25 - Softcharge to DC Bus Cable	4%	1	1	1	1	1			4	1
6KAF6H8585	\$40.00	CBL25 - Softchorge to DC Bus Cable	5X	1					1	1	1	1
6KAF6H8613	\$65.00	CBL26 - Fuse Fon Coble	5X		1				1	1	1	1
erminals, Label											-	*
6KAF6H8374	\$215.00	TB1 - Bus Bors, Terminols Line/Load	4X									
6KAF6H8375	\$260.00	TB1 - Bus Bors, Terminols Line/Load		3	3		-					_
6KAF6H85B7	\$690.00	TB1 - Bus Bars, Terminal Black	4X			3	3	3				-
6KAF6H8374	\$215.00	TB2 - Bus Bors, Terminal Block	5X			_			3	3	3	3
6KAF6H8375	\$255.00	TB2 - Bus Bars, Terminals Line/ ood	4X	3	3	1.2	-					
6KAF6H8587	\$690.00	T82 - Bus Bors, Terminal Block	4X SX		_	3	3	3				
6KAF6H8395	\$260.00	TB3 - Bus Bars, Terminal Load Share & Brake				-			3	3	3	3
6KAF6H8399	\$410.00	183 - Bus Bars, Terminal, Load Share, Left	4X	2	2	2	2	2			_	
6KAF5HB404	\$415.00	T83 - Bus Bars, Terminal, Load Share, Right	4X			_			1	1	1	1
6KAF6H8395	\$260.00	184 - Bus Bars, Terminal, Load Share & Brake	4X		-		-		. 1	1	1	1
6KAF6H8399	\$410.00	TB4 - Bus Bors, Terminal, Load Share & Brake	4X	2	Z							
6KAF6H8404	\$415.00	784 - Bus Bors, Terminal, Load Share, Right	AX			1	1	1		1.	1	
6KAF6H8587	\$690.00		AX			1	1	1				
6KAF6H8371		184 - Bus Bors, Terminol Block	SX						5	5	2	2
6KAF6H8588	\$135.00	TB1 - Terminal Insulator Line/Load	4X	1	1	1	1	1				-
	\$155.00	T81 - Insulator Terminal Block	5X			_	1.22		3	3	3	3
6KAF6H8371	\$135.00	TB2 - Terminal Insulator Line/Load	4X	1	1	1	1	1	_		_	
6KAF6H8588	\$155.00	TB2 - Insulator Terminal Black	5X		_	_			3	3	3	3
6KAF6H8372	\$80.00	TB3 - Terminal Insulator, Brake & Load Share	4X	1	1	1	1	1	1	1	1	1
6KAF6H8372	\$80.00	TB4 - Terminal Insulator, Brake & Load Share	4X	1	1	1	1	1				
6KAF6H8588	\$155.00	TB4 - Insulator Terminal Block	5X	_					2	2	2	2
6KAF6H8373	\$515.00	Terminal Black Label Set	4X	1	1	1	1	1				
6KAF6H8589	\$1460.00	Terminal Block Label Set	5X	_					1	1	1	1
6KAF6H8545	\$60.00	Insulator Myler for IGBT Bus	41	1	1	1.1				307		
6KAF6H8421	\$65.00	Insulator Mylar for IGBT Bus	42			1	1	.1				
6KAF6H8590	\$150.00	Insulator for IGBT- Chassis	5X						1	1	1	1
5KAF6H8547	\$30.00	Insulator for IGBT Snubber Capacitor Support		1	1	\$	\$	2				
6KAF6H8410	\$285.00	Bus Bar Stand Off, PKG10		12	12	17	17	17	11	11	11	11
6KAF6H8610	\$230.00	IGBT Output Standoff, PKG9	5X						9	9	9	9
us Bars												
6KAF6H8380	\$145.00	Bus Bars, SCR, R S T	AX	3	3							
6KAF6H8548	\$95.00	Bracket, SCR Bus Bars Support	AX	1	1	-	_		-	_	-	
6KAF6H8394	\$210.00	Bus Bors, SCR Input	AX		•	3						
5KAF6H8387	\$180.00	Bus Bars, SCR Plus, 1	4X			3	3	3			_	_
6KAF6H8595	\$1270.00	Bus Bors, SCR/Di Input	5X				3	3				
6KAF6H8379	\$620.00	Bus Bars Assy, SCR	4X	1					3	3	3	3
6KAF6H8381	\$150.00	Bus Bars, SCR Minus	4X	2	2						- 200	
6KAF6H8393	\$325.00	Bus Bors, SCR DC		6	6							_
6KAF6H8385	\$290.00	Bus Bors, SCR Minus, 1	4X			2						_
6KAF6H8386	\$360.00	Bus Bors, SCR Minus, 2		_			2	2				-
6KAF6H8388	\$380.00		4X			1	1	1				_
6KAF6H8596	\$1535.00	Bus Born, SCR Plus, 2	4X		_	1	1	1		-		1
6KAF6H8597	\$2500.00	Bus Bars, SCR/D Output Bus Bars, DC Bus Plus, Before DC Reactor	SX				_		2	2	2	2
6KAF6H8598	\$2500.00		SX	_					1	1	1	1
6KAF6H8S49	\$150.00	Bus Bors, DC Bus Minus Before DC Reactor	5X					_	1	1	1	1
6KAF6H8391		Bus Bars, DC Link, Plus	4X	1	1			_				
6KAF6H8382	\$190.00	Bus Bars, DC Link, Plus	4X	1	1							
6KAF6H8599	\$265.00	Bus Bors, DC Link Minus	4X			5	2	2				-
	\$715.00	Bus Bors, DC Bus, After DC Reactor	5X			19.14			2	2	2	2
SKAF6H8375	\$670.00*	Bus Bars Assy, IGBT	4X	1	1	_	1	_				_
6KAF6H8377	\$675.00	Bus Bars Assy, IG87-Inductor	41	_		1	1	1				
6KAF6H8378	\$690.00	Bus Bors Assy, IGBT-Capacitor	4X		-	1	1	1				1.1
6KAF6H8600	\$3675.00	Bus Bors Assy, IGBT-Inductor	SX		_	_			1	1.	1	1
6KAF6H8601	\$865.00	Bus Bors Assy, IGBT-Copycitor	5X	1.5					3	3	3	3
6KAF6H8390	\$100.00	Bus Bars, IGBT, U V W	4X	3	3							
5KAF6H8392	\$230.00	Bus Bors, Motor, 2	4X	3	3			-				
6KAF6H8383	\$260.00	Bus Bors, Motor, U W	4X			\$	2	2	12			
6KAF6H8384	\$215.00	Bus Bors, Motor V	4X			1	1	1				
6KAF6H8389	\$220.00	Bus Bors, I-Sensor	4X			3	3	3				
6KAF6HB602	\$1175.00	Bus Bars. IGBT Output	5X						3	3	3	3
6KAF6H8603	\$1180.00	Bus Bars, Over Fan Box	5X					0.00	3	3	3	3
6KAF6H8604	\$530.00	Bus Bors, Current Sensor 5352	5X						3			-
6KAF6H860S	\$550.00	Bus Bors, Current Sensor 5452-5502	4X						-	3	3	3
6KAF6H8397	\$190.00	Bus Bars, Broke Plus	4X	1	1					-	-	-
		B . B . B . L										_
6KAF6H8398	\$210.00	Bus Bors, Brake Minus	4X	1	1							



Rev. 8/15 Prices and data subject to change without notice

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Section 15

IP 00 - 460 Vac, 3-Phase, 50/60Hz Input (continued)

IP 21/54 - 460 Vac, 3-Phase, 50/60Hz Input (continued)

Product	List Price	Description	Unit Size	-		Dri	ve Ho ond	Oughtity	Per Drive			
Number	GO-SRP			125	150	200	250	300	350	450	500	550
Bus Bars (contin	ued)									1200		
6KAF6H8606	\$8620.00	Bus Bors, Brake Assy	5x						1	1		
6KAF6H8401	\$475.00	Bus Bors, Lood Shore Plus	4X	1	1						-	1
6KAF6H8400	\$460.00	Bus Bars, Load Share Minus	AX	1	1	25						_
6KAF6H8403	\$855.00	Bus Bars, Lood Share Plus	AX			1		1		-		
6KAF6H8402	\$655.00	Bus Bars, Load Shore Minus	4X			- 1						
6KAF6H8607	\$2055.00	Bus Bars, Lood Share Plus	5X			-	-	+	1			
6KAF6H8608	\$2070.00	Bus Bors, Load Share Minus	5×		-					1		1
6KAF6H8405	\$1370.00	Bus Bars, SCA Input 2	45	1	1			-	4		1	1
6KAF6H8406	\$835.00	Bus Bars, SCR. T. 1	AX	-	-	3	3	3		-	_	

IP 00 - 690 Vac, 3-Phase, 50/60Hz Input

IP 21/54 - 690 Vac, 3-Phase, 50/60Hz Input

Number	GO-SRP								Quan					
				125	150	200	250		350	450	500	\$50	600	65
Cables														
6KAF6H8640	\$70.00	CBL1 - Keypod Coble for IP54/Nemo 12 Drive Type												
6KAF6H8586	\$75.00	CBL1 - Keypod Coble	41/42		1	_1	1	1	1	1				
6KAF6H8641	\$80.00	CBL2 - Control Cable PCA, 44pin	SX								1	1	1	1
6KAF6H8541	\$185.00	CBL5 - Current Sensor Cable	4X & 5X	1		_1	1	1	1	1	1	1	1_	1
6KAF6H8349	\$365.00	CBLS - Current Sensor Coble	4X	1	1	1								
5KAF6H8568	\$235.00	CBLS - Current Sensor Cable	42				1_	1	1_	1				
6KAF6H8569	\$245.00	CBL5 - Current Sensor Cable	<u>5X</u>								_1_	1		
6KAF6H8542	\$75.00	CBL8 - HS Fon Coble	41											1
6KAF6H8359	\$100.00	CBLB - HS Fan Cable	41		1	_1								_
6KAF6H8571	\$60.00	CBLB - Fon Coble for IP00/Open Chassis Drive Type					1	1	1	_1_				
6KAF6H8572	\$120.00	CBL8 - Fon Cable for IP54/Nema 12 Drive Type	51								1	1		
6KAF6H8573	\$85.00	CBL8 - Fan Cable for IPG0/Open Chassis Drive Type	52								1	1		
6KAF6H8574	\$125.00	CBLB - Fon Coble for IP54/Nema 12 Drive Type	51										1	1
6KAF6H8354	\$60.00	CBL9 - Softcharge Cable RST prime											1	1
6KAF6H8570	\$55.00	CBL9 - Softcharge Coble RST prime	4)(1	1	1	1	1	1	1				
6KAF6H8358	\$55.00	CBL12 - Door Fan Cable	SX								1	1	1	
6KAF6H8544	\$110.00		41/42	11	1	_1	1	1	_1_	1				
6KAF6H8357	\$110.00	CBL13 - SCR Coble	41	1	1	1								
6KAF6H8575	\$205.00	CBL13 - SCR Coble	42				1	1	1	1	_			
6KAF6H8356	\$45.00	CBL13 - SCR Coble	5X								1	1	1	1
6KAF6H8576	\$50.00	CBL14 - DC to Power PCA Cable	4X	1	1	1	1	1	1	1				
6KAF6H8363	\$30.00	CBL14 - DC to Power PCA Coble	5X								1	1	1	
	and the second sec	CBL16 - Gate Driver Cable, 16pin	41	1	1	_1								
6KAF6H8350	\$41.00	CBL16 - Gote Driver Cable, 16pin	42				_1	1	1	1				
6KAF6H8581	\$45.00	CBL16 - Gate Driver Cable, 16pin	5X								1	1	1	1
6KAF6H8364	\$60.00	CBL17,18,19 IGBT Gate Cable	41		3	3								
6KAF6H8351	\$95.00	CBL17,18,19 - IGBT Gate Coble	42				3	3	_3	3				
6KAF6H8582	\$40.00	CBL17,18,19 - IGBT Gate Cable	51								. 3	3	3	3
6KAF6H8352	\$65.00	CBL20 - IGBT Temperature Cable		1	1	_1	1	1	1	1	1	1	1	1
6KAF6H8365	\$40.00	CBL21 - Brake IGBT Cable	41	1	1	_1								
6KAF6HB368	\$65.00	CBL21 - Brake IGBT Cable	42				31 - E	1	1	1				
6KAF6H8583	\$85.00	CBL21 - Broke IGBT Cable	5X			_					1	1	1	1
6KAF6H8366	\$320.00	CBL22 - Broke Power Plus Cable	41	1	1	1								
6KAF6H8369	\$595.00	CBL22 - Brake Power Plus Cable	42				1	1	1	1				_
6KAF6H8367	\$320.00	CBL23 - Brake Power Minus Cable	41	1	1	1								
6KAF6H8370	\$550.00	CBL23 - Brake Power Minus Cable	42				1	1	1	1				
6KAF6H8543	\$55.00	CBL24 - Softcharge RST Cable	41	1	1	1								
6KAF6H8353	\$75.00	CBL24 - Softcharge RST Coble	42				1	1	1	1	_	-		
6KAF6H8584	\$45.00	CBL24 - Softcharge RST Cable	5X								1	1	1	1
6KAF6H8355	\$45.00	CBL25 - Softcharge to DC Bus Cable	4X	1	1	1	1	1	1	1				
6KAF6H8585	\$40.00	CBL25 - Softcharge to DC Bus Cable	SX								1	1	1	1
6KAF6H8613	\$65.00	CBL26 - Fuse Fan Cable	5X								1	1	1	1
erminals, Labels, I	Insulators						_				-	-	-	-
5KAF6H8374	\$215.00	T81 - Bus Bors, Terminols Line/Load	4X											
6KAF6H8375	\$260.00	TB1 - Bus Bars, Terminals Line/Load	4X	3	3	_ 3		-	-					
6KAF6H8587	\$690.00	181 - Bus Bors, Terminal Block	48 5X				3	3	3	3	-			
6KAF6H8374	\$215.00	T82 - Bus Bars, Terminals Line/Load	<u>5X</u> 4X								3	3	3	
6KAF6H8375	\$255.00	782 - Bus Bars, Terminals Line/Load		3	3	3								
6KAF6H8587	\$690.00	T82 - Bus Bars, Terminal Block	4X				3	3	_ 3	3				
6KAF6H8395	\$260.00	T83 - Bus Bars, Terminal, Load Share & Broke	5X								3	3	_ 3	3
6KAF6H8399	\$410.00	T83 - Bus Bars, Terminal, Load Share, Left	<u>4X</u>	2	2	<u> </u>	_2	2	_2	2				
6KAF6H8404	\$415.00	183 - Bus Bars, Terminal, Load Share, Lett	<u>4X</u>								1	_ 1	1	_1
6KAF6H8395	\$260.00	184 - Bus Bors, Terminal, Load Share, Right 184 - Bus Bors, Terminal, Load Share & Brake	4X 4X	2	2	2					1	1	1	1



IP 00 - 690 Vac, 3-Phase, 50/60Hz Input (continued)

IP 21/54 - 690 Vac, 3-Phase, 50/60Hz Input (continued)

	List Price GO-5RP	Description	Unit Size	1.1		-			d Quan					
umber	GO-SRP			125	150	200	250	300	350	450	500	550	600	650
erminals, Lobel	s, Insulators (con	tinued				10.2								
6KAF6H8399	\$410.00	T84 - Bus Bars, Terminal Load Share, Left	4X											
6KAF6H8404	\$415.00	T64 - Bus Bors, Terminol, Lood Share, Right	4X	-	-		1	1	1	1	_			
6KAF6H8587	\$690.00	TB4 - Bus Bors, Terminal Block		117 - Y	_	_	1	1	1	1		_		_
6KAF6H8371	\$135.00	T81 - Terminal Insulator Line/Load	5X								2	2	Z	2
6KAF6H8588	\$155.00	TB1 - Insulator Terminal Black	AX	1	1	1	1	1	1	1				
6KAF6H8371	\$135.00		5X			_	-		_		3	3	3	3
6KAF6H8588	\$155.00	TB2 - Terminal Insulator Line/Load	4X	1	1	1	1	1	1	1				
6KAF6H8372	\$80.00	T82 - Insulator Terminal Block	5X							_	3	3	3	3
6KAF6H8372		TB3 - Terminal Insulator, Brake & Load Share	4X	1	1	1	1	1	1	1	1	1	1	1
	\$80.00	784 - Terminal Insulator, Brake & Load Share	4X	1	1	1	1	1	1	1				
6KAF6H8588	\$155.00	TB4 - Insulator Terminal Block	5X			-				11	5	Z	2	2
6KAF6H8373	\$\$15.00	Terminol Block Lobel Set	4X	1	1	1	1	1	1	1				1.0
6KAF6H8589	\$1460.00	Terminal Block Label Set	SX								1	1	1	1
6KAF6H8545	\$60.00	Insulator Hylar for IGBT Bus	41	1	1	1		_						-
6KAF6H8421	\$65.00	Insulator Mylar for IGBT Bus	42				1	1	1	1				_
6KAF6H8590	\$150.00	Insulator for IGBT- Chassis	5X				-		-		1	1	1	1
6KAF6H8547	\$30.00	Insulator for IGBT Snubber Capacitor Support		1	1	1	2	2	2	2			-	
6KAF6H8546	\$160.00	Line Fuse Insulator					1	1	1	1		_		
6KAF6H8410	\$265.00	Bus Bar Stand Off, PKG10		12	12	12	17	17	17			11		
6KAF6HB610	\$230.00	IGBT Output Standaff, PKG9	5X	16	36	46	4F	41	11	17	- 11	11	11	11
s Bers								_				У	9	9
	Baak co.													
6KAF6H8380	\$145.00	Bus Bors, SCR, R S T	4X	3	3	3								
6KAF6H8548	\$95.00	Brocket, SCR Bus Bors Support	4%	1	1	1						-	_	_
6KAF6HB394	\$210.00	Bus Bars, SCR Input	4X				3	-			_			
6KAF6H8387	\$180.00	Bus Bars, SCR Plus, 1	4X					3	3	3	_		_	_
6KAF6H8700	\$1615.00	Bus Bars, SCR/Di Input	SX							1	3	3	3	3
6KAF6H8379	\$620.00	Bus Bors Assy, SCR	48	1	1	1						~	-	
6KAF6H8381	\$150.00	Bus Bars, SCR Minus	4X	2	z	2			_				_	_
6KAF6H8393	\$325.00	Bus Bors, SCR DC					z	-	_					
6KAF6H8385	\$290.00	Bus Bors, SCR Minus, 1	4X				2	2	Z			-	_	_
6KAF6H8386	\$380.00	Bus Bors, SCR Minus, 2	4X			-				2			_	
6KAF6H8388	\$380.00	Bus Bars, SCR Plus, 2	4X				1	1	1	1		-		_
6KAF6H8701	\$1780.00	Bus Bars, SCR/Di Output	5X	_			- 1	1	1	1				
6KAF6H8597	\$2500.00	Bus Bors DC Bus Plus Before DC Reactor	5X		_	_	_	_			2	S	2	2
6KAF6H8598	\$2500.00	Bus Bars, DC Bus Minus Before DC Reactor	5X				_	_			1	1	1	1
6KAF6H8549	\$150.00	Bus Bars, DC Link, Plus			_				_	_	1	1	1	1
6KAF6H8391	\$190.00		4X	1	1	1		_				_		
6KAF6H8382	\$265.00	Bus Bars, DC Link, Plus	4X	1	1	1			_	-				
6KAF6H8599	the second se	Bus Bors, DC Link Minus	4X				S	2	2	5				
6KAF6H8376	\$715.00	Bus Bars, DC Bus, After DC Reactor	5X		_						2	2	z	Z
and the second se	\$670.00	Bus Bors Assy, IGB1	4X	1	1	1						1.1		
6KAF6H8377	\$675.00	Bus Bars Assy, IGBT-Inductor	4X				1	1	1	1				
6KAF6H8378	\$690.00	Bus Bars Assy, IGBT-Capacitor	4X				1	1	1	1				
6KAF6H8600	\$3675.00	Bus Bors Assy, IGBT-Inductor	SX								1	1	1	1
6KAF6H8601	\$865.00	Bus Bars Assy, IGBT-Capacitor	5X								3	3	3	3
6KAF6H8390	\$100.00	Bus Bors, IGBT, U V W	4X	3	3	3	-		-		-	-	-	-
6KAF6H8392	\$230.00	Bus Bors, Motor, 2	4X	3	3	1	-		-			_		
5KAF6H8383	\$260.00	Bus Bars, Motor, U.W.	4X			-	2	2	2	2				_
6KAF6H8384	\$215.00	Bus Bars, Motor V	4X		_	-	1	1	1	1				_
5KAF6H8389	\$220.00	Bus Bars, I-Sensor	AX	1000			3		3	3		-		_
6KAF6H8602	\$1175.00	Bus Bors, IGBT Output	5X				-	2	3	3				
5KAF6H8603	\$1180.00	Bus Bors. Over Fon Box	SX		-					_	3	3	3	3
5KAF6H8604	\$530.00	Bus Bors, Current Sensor 5352	SX			-		-			3	3	3	3
SKAF6H8605	\$550.00	Bus Bors, Current Sensor 5452 5502	4X				-			-	3	3	3	
5KAF6H8397	\$190.00	Bus Bart, Brake Plus					-		_	-	100	_		3
KAF6H8398	\$210.00		4X	1	1	1		_	_	_		_		
5KAF6H8396	\$320.00	Bus Bars, Broke Minus	4X	1	1	1	_				-			_
		Bus Bart, Brake	4X				1	1	1	1			_	
SKAF6H8606	\$8520.00	Bus Bars, Brake Assy	5X					-			1	1	1	1
5KAF6HB401	\$475.00	Bus Bars, Load Share Plus	4X	1	1	1	_							
5KAF6H8400	\$460.00	Bus Bars, Load Share Minus	4X	1	1	1								_
5KAF6H8403	\$855.00	Bus Bars, Load Share Plus	4X		1.1.1		1	1	1	1	1.00		-	
5KAF6H8402	\$655.00	Bus Bors, Load Share Minus	4X				1	1	1	1		-		
	\$2055.00	Bus Bars, Load Share Plus	5X		-					*	1	1	1	1
											4	*	4	
5KAF6H8607	\$2520.00	Bus Bats, Load Share Minus	5X								1	4	4	
6KAF6H8607 6KAF6H8702 6KAF6H8405		Bus Bath, Load Share Minus Bus Bath, SCR Input 2	5X 4X	3	3	3	_			-	1	1	1	1



Drives AF-600FP™ Fan and Pump Drive

Section 15

Product Description

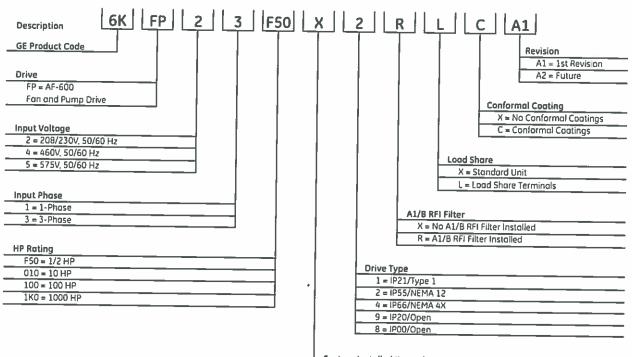
The AF-600FPTH Fan and Pump Drive is a powerful, flexible, and easy to use AC variable torque drive ideally suited for HVAC, compressor, and pump applications. The drive is available in a standard configuration that includes IP20 or IP00 Chassis, LCD Keypad Display that can be remote mounted, DC Link Reactors, built-in Modbus RTU, Metasys N2, Apogee FLN P1, and RFI Class A2 Filter. Models are available at 208/230V from 1 to 60HP, 460V from 1 to 1350HP, and 575V from 1 to 1350HP.

Standard features like motor auto tuning, four auto-tuning PID controls, energy savings mode, and energy monitoring make the AF-600FP[™] ideal for all your fan, pump, compressior, and blower applications. Its Quick Menu, Application Macros, and intuitive Keypad make it a time saver for start-up and commisioning. Optional LonWorks and BACnet communications modules along with IP55/54 NEMA 12 and IP66/NEMA 4X rated units allows it to be integrated into your building automation systems and stand-alone installations. Optional I/O modules and conformal coatings allow it to be used in complex or very harsh environments if needed. The AF-600FP[™] is Plenum rated for mounting inside air handling ducts.



Product Numbering System Diagram

(Product number for illustrative purposes only)



Factory Installed Keypad

X = Keypad



Drives AF-600FP[™] Fan and Pump Drive Pricing

Section 15

230V, 1-Phase, 50/60Hz Input

								List Price A	dders, GO-SFF		
								Type it 11	Factor (Digit 14)	y Installed (Digit 15)	
HP Rating	kw Rating	Rated Output Amps	Overload Amps (110% 1 Min)	Standard Unit Includes:	Standard Unit Product No.	List Price GO-5FP	[1] IP21 NEMA 1	(2) IP55 NEMA 12	(R) RFI filter A1/8	00 Future Use	(C) Conformal
2	15	7.5	83		6KFP21002X1XXXA1	\$2015.00	std	\$250.00	\$150.00		Coating
3	22	10.6	117	1001 (100111 1)	6KFP21003X1X0XA1	\$2020.00	std	\$250.00	\$150.00	N/A	\$210.00
7.5	<u>37</u>	24 2	184	IP21/NEMA 1 ³ RFI: A2	6KFP21005X1XXXA1	\$2290.00	std	\$275.00	\$230.00	N/A	\$210.00
10	7.5	30.8	266	Keypad	6KFP21007X1XXXA1 6KFP21010X1XXXA1	\$2400.00	std	\$555.00	\$455.00	N/A	\$210.00
200	15	59.4	65 3		6KFP21020X1XXXA12	\$2665.00	std	\$555.00	\$455.00	<u>N/A</u>	\$210.00
30	22	68	968 the need for a ser		6KFP21030X1XXXA17	\$8270.00	std	\$960.00	N/A N/A	<u>N/A</u>	\$210.00

¹Drives are rated NEMA 1 without the need for a separate kit. ²A1/8 Factory installed RFI Filters are not available and the units **do not** have as standard the A2 RFI Filter and furthermore **do not** meet EN55011 Class A2. 230V, 3-Phase, 50/60Hz Input

							L		List Price Ad	ders, GO-5Fi	P	
		Peterd						Orive Type (Digit 11)		Factor (Digit 14)	y Installed (Digit 15)	
HP Rating	kW Rating	Rated Output Amps	Overload Amps (110% 1 Min)	Standord Unit ³ Includes:	Standard Unit Product No.	List Price GO-5FP	(9) IP20 Chossis	(2) (P55 NEMA 12	(4) 1956 NEMA 4X	(R) RFI filter A1/B	(L) Load Share	(C) Conformal Coating
1	0.75	4.6	7.3		6KFP23001X9XXXA1	\$785.00	std	\$250.00	\$550.00			
2	15	7.5	83		6KFP23002X9XXXA1	\$850.00	std	\$250.00	\$550.00	\$150.00	N/A	\$210.00
3	2.2	10.6	117		6KFP23003X9X0XA1	\$925.00	std			\$150.00	N/A	\$210.00
5	3.7	167	184		6KFP23005X9XXXA1	\$1200.00		\$250.00	\$550.00	\$150.00	N/A	\$210.00
7.5	55	24.2	26.6		6KFP23007X9XXXA1	\$1375.00	std	\$275.00	\$550.00	\$230.00	N/A	\$210.00
0	7.5	30 B	339	IP20 (9) Chossis	6KFP23010X9X0XA1		std	\$555.00	\$575.00	\$455.00	\$200.00*	\$210.00
5	11	46 Z	50.8	RFI. A2		\$1650.00	std	\$555.00	\$920.00	\$455.00	\$234.00*	\$210.00
20	15	59.4	653	Keypod	6KFP23015X9XXXA1	\$2005.00	std	\$555.00	\$920.00	\$455.00	\$245.00*	\$210.00
25	18.5			//e/pou	6KFP23020X9XXXA1	\$2405.00	std	\$960.00	\$1600.00	\$690.00	\$290.00	\$210.00
50		74 B	823		6KFP23025X9XXXA1	\$2975.00	std	\$960.00	\$1950.00	\$690.00	\$350.00	\$210.00
	22	88	96.8		6KFP23030X9X0XA1	\$3700.00	std	\$1370.00		\$1115.00	\$365.00	\$210.00
10		115	127		6KFP23040X9XXXA1	\$5275.00	1	\$1370.00		\$1115.00	\$430.00	\$210.00
0	37	143	157		6KFP23050X9XXXA1	\$6295.00		\$1825.00	\$3270.00	\$1550.00	\$485.00	
50 3(P21/NI	45	170	187		6KFP23060X9XXXA1	\$7425.00		\$1825.00	The second s	\$1550.00	\$560.00	\$210.00

31P21/NEMA 1 Kits are available as Field Installed Options for all 230V drives from 1 HP to 60 HP. See Page 15-43. *Only for IPS5/NEMA 12 and IP66/NEMA 4X 460V, 1-Phase, 50/60Hz Input

								List Price A	dders, GO-SFI		
		Part of						Type jit 11]	Factor (Digit 14)	y Installed (Digit 15)	
HP Rating	kW Rating	Rated Output Amps	Overlood Amps (150% 1 Min)	Standard Unit Includes:	Standard Unit Product No.	List Price GO-5FP	1) P21 NEMA 1	(2) IP55 NEMA 12	(R) RFI filter	00 Future	(C) Conformal
10	7.5	14 5	218	IP21/NEMA 11	6KFP41010X1XXXA1	\$2885.00	std	\$275.00	A1/8 \$275.00	Use N/A	Coating \$210.00
<u>15</u> 25		21	315	RFI: A2	6KFP41015X1XXXA12	\$4040.00	std	\$555.00	N/A	N/A	\$210.00
50	185	<u>34</u>	510	Keypad	6KFP41025X1XXXA12	\$6975.00	std	\$555.00	N/A	N/A	\$210.00
A CONTRACTOR OF A CONTRACTOR OFTA CONTRACTOR O			975		6KFP41050X1XXXA12	\$10255.00	std	\$960.00	N/A	N/A	\$210.00

¹Drives are rated NEMA 1 without the need for a separate kit. ²A1/B Factory installed RFI Filters are not available and the units **do not** have as standard the A2 RFI filter and furthermore **do not** meet ENS5011 Class A2

460V, 3-Phase, 50/60Hz Input

									list Price Ad	ders, GO-5Fi	P	
		Patrol						Drive Type (Digit 11)		Factor (Digit 14)	(Digit 15)	
HP Rating	kW Rating	Rated Output Amps	Overload Amps (110% 1 Min)	Standard Unit ⁴ Includes:	Standard Unit Product No. *	List Price GO-5FP	(9) IP20 Chossis	(2) IP55 NEMA 12	(4) 1P66 NEMA 4X	(R) RFI filter A1/8	(L) Lood Share	(C) Conforma Coating
1	075	24	2.6		6KFP43001X9XXXA1	\$920.00	std	\$250.00	\$550.00	\$150.00	N/A	\$210.00
	15	41	45		6KFP43002X9XXXA1	\$980.00	std	\$250.00	\$550.00	\$150.00	N/A	\$210.00
	22	56	62		5KFP43003X9XXXA1	\$1120.00	std	\$250.00	\$550.00	\$150.00	N/A	\$210.00
	4	10	11		6KFP43005X9XXXA1	\$1260.00	std	\$275.00	\$550.00	\$275.00	N/A	\$210.00
5	55	13	143		6KFP43007X9XXXA1	\$1410.00	std	\$275.00	\$550.00	\$275.00	N/A	\$210.00
0	7.5	16	17.6		6KFP43010X9XXXA1	\$1720.00	std	\$275.00	\$\$75.00	\$275.00	N/A	and the second s
5	11	24	26.4	IP20 (9) Chossis	6KFP43015X9XXXA1	\$2030.00	std	\$555.00	\$575.00	\$455.00	\$200.00*	\$210.00
0	15	32	35.2	RFL A2	6KFP43020X9XXXA1	\$2656.00	std	\$555.00	\$920.00	\$455.00		\$210.00
5	185	37.5	41.3	Keypad	6KFP43025X9XXXA1	\$3370.00	std	\$555.00	\$920.00	\$455.00	\$234.00*	\$210.00
0	22	44	484		6KFP43030X9XXA1	\$3840.00	std	\$960.00	the second s		\$245.00*	\$210.00
0	30	61	67.1		6KFP43040X9X0XA1	\$4855.00	std	\$960.00	\$1600.00	\$690.00	\$290.00	\$210.00
0	37	73	803		6KFP43050X9XXXA1	\$5490.00	std	\$960.00	\$1600.00	\$690.00	\$310.00	\$210.00
0	45	90	99		6KFP43060X9XXXA1	\$6500.00			\$1600.00	\$690.00	\$350.00	\$210.00
5	55	106	1166		6KFP43075X9XXA1	\$8150.00		\$1370.00	\$1950.00	\$1115.00	\$365.00	\$210.00
00	75	147	161.7		6KFP43100X9KXA1		and the second s	\$1370.00	\$1950.00	\$1115.00	\$430.00	\$210.00
25	90	177	1947	6	SKEDA 31 DEVOVVA1	\$10350.00	std	\$1825.00	\$3270.00	\$1550.00	\$485.00	\$210.00
IP21/NI	EMA 1 Kits o	re available as	Field Installed Or	tione for all ACOU de	rives from 1 HP to 125 H	\$12390.00	std	\$1825.00	\$3750.00	\$1550.00	\$560.00	\$210.00

'Only for IP55/NEMA 12 and IP66/NEMA 4X



Rev. 8/15 Prices and data subject to change without notice

Drives AF-600FP[™] Fan and Pump Drive Pricing

460V, 3-Phase, 50/60Hz Input

									List Price Ad	ders, GO-5F	P	
		0-t-d						Orive Typ (Digit 11		Facto {Digit 14}	ry Installed (Digit 15)	
HP Rating	kW Rating	Rated Output Amps	Overload Amps (110% 1 Min)	Standard Unit Includes:	Standard Unit Product No.	List Price GO-5FP	(8) (POO Chassis	(1) IP21 NEMA 1	(2) IP54 NEMA 12	(R) RFI filter A1/8	(L) Lood Share	(C) Conformal Coating
150	110	190	209		_6KFP43150X8XXXA1	\$14200.00	std	\$1035.00	\$3370.00	\$2120.00	\$625.00	
200 250	132	240	264	IPOD (8) Chossis RFL A2	6KFP43200XBXXXA1	\$17110.00	std	\$1035.00	\$3370.00	\$2565.00	\$755.00	\$705.00
300	200	302		Keypad	6KFP43250X8XXXA1	\$20315.00	std	\$1140.00	\$3700.00	\$3140.00	\$920.00	\$705.00
350	250	443	487	147000	6KFP43300X8XXXA1	\$22500.00	std	\$1140.00	\$3700.00	\$3750.00	\$1100.00	\$705.00
450	315	540	594	IP00 (8) Chossis	6KFP43350X8X0XA1 6KFP43450X8XXCA1	\$25900.00	std	\$1140.00	\$3700.00	\$4475.00	\$1315.00	\$705.00
\$00	355	590	649	RFI: A2	6KFP43500X8XXCA1	\$32500.00	std	\$3065.00	\$6075.00	\$5420.00	\$1585.00	std
550	400	678	746	Keypad	6KFP43550XBXXCA1	\$54000.00	std	\$3065.00	\$6075.00	\$6390.00	\$1770.00	std
600	450	730	803	Conformal Coated	6KFP43600X8XXCA1	\$51150.00	std	\$3065.00	\$6075.00			std
650	500	780	858		6KFP43650X1XXCA1	\$69000.00	N/A	std	\$11170.00		\$2510.00 N/A	<u>std</u>
750 900	<u> </u>	890	979	IP21/NEMA 1 (1)	6KFP43750X1XXCA1	\$82000.00	N/A	std	\$11170.00		N/A	std
1000	710	1050	1155	RFI: AZ Keypad	6KFP43900X1XXCA1	\$93000.00	N/A	std	\$11170.00		N/A	std
1200	800	1380	1518	Conformal Coated	6KFP431K0X1XXCA1	\$109000.00	N/A	std	\$11170.00	\$17295.00	N/A	std
1350	1000	1530	1683		6KFP431K2X1XXCA1	\$125000.00	<u>N/A</u>	std		\$19735.00	N/A	std
			2002		6KFP431K3X1XXCA1	\$145800.00	N/A	std	\$11170.00	\$22930.00	N/A	std

575V, 3-Phose, 50/60Hz Input

							<u></u>		List Price Ad	ders, GO-SF	P	
		Roted	0					Drive Type (Digit 11)		Facto (Digit 14)	ry Installed (Digit 15)	
HP <u>Rating</u>	kW Rating	Output	Overload Amps [110% 1 Min]	Stondard Unit ¹ Includes:	Standard Unit Product No.	List Price GO-SFP	(9) IP20 Chessis	(2) (P55 NEMA 12	(4) 1966 NEMA AX	(R) RF) filter A1/8	lii Load Share	ICI Conformal Coating
1	0.75	18	1.98		6KFP53001X9XXXA1	\$1050.00	std	\$250.00	\$550.00	N/A	N/A	\$210.00
ć	15	2.7	2 97		6KFP53002X9X0XA1	\$1120.00	std	\$250.00	\$550.00	N/A	N/A	\$210.00
3	22	39	4 29		6KFP53003X9XXXA1	\$1275.00	std	\$250.00	\$550.00	N/A	N/A	\$210.00
7.5	4	61	671		6KFP53005X9XXXA1	\$1440.00	std	\$250.00	\$550.00	N/A	N/A	\$210.00
	55		99		6KFP53007X9XXXA1	\$1610.00	std	\$275.00	\$550.00	N/A	N/A	\$210.00
10	75	11	12.1		6KFP53010X9X0XA1	\$1965.00	std	\$275.00	\$550.00	N/A	N/A	\$210.00
15	11	18	19.8	1030 (0) 61	6KFP53015X9XXXA1	\$2320.00	std	\$555.00	\$845.00	N/A	\$200.00	\$210.00
20	15	22	24.2	IP20 (9) Chassis	6KFP53020X9XXXA1	\$3030.00	std	\$555.00	\$920.00	N/A	\$234.00	\$210.00
25	185	27	29.7	Keypad	6KFP53025X9XXXA1	\$3845.00	std	\$555.00	\$920.00	N/A	\$245.00	\$210.00
30	22	34	37.4		6KFP53030X9XXXA1	\$4380.00	std	\$960.00	\$1600.00	N/A	\$290.00	\$210.00
40	30	41	451		6KFP53040X9XXXA1	\$5535.00	std	\$960.00	\$1600.00	N/A	\$310.00	\$210.00
50		52	57.2		6KFP53050X9XXXA1	\$6260.00	std	\$960.00	\$1600.00	N/A	\$350.00	
60	45	62	68.2		6KFP53060X9XXXA1	\$7410.00	std	\$1370.00	\$1950.00	N/A	\$365.00	\$210.00
75	55	83	91.3		6KFP53075X9XXXA1	\$9295.00		\$1370.00	\$1950.00	N/A		\$210.00
100		100	110		6KFP53100X9XXXA1	\$11600.00		\$1625.00	\$3270.00	N/A	\$430.00	\$210.00
125	90	131	144.1		6KFP53125X9XXXA1	\$14125.00		\$1825.00	\$3750.00	N/A	\$485.00	\$210.00

1(P21/NEMA 1 Kits are available as Field Installed Options for all \$75V drives from 1 HP to 125 HP. See Page 15-43.

575V, 3-Phase, 50/60Hz Input

							L		List Price Ad	ders, GO-SF	P	
		Rated	Our day of					Drive Typ (Digit 1		Foctor (Digit 12)	loigit 13)	
HP Rating	kW Rating	Output Amps	Overload Amps (110% 1 Min)	Standard Unit Includes:	Standard Unit * Product No.	List Price GO-SFP	(8) IPOO Chossis	(1) 1921 NEMA 1	(2) (P54 NEMA 12	(R) RFI filter A1/8	DQ Future Use	(C) Conformal Coating
150	110	155	170 5		6KFP53150X8XXCA1	\$17100.00	std	\$1190.00	\$3990.00	N/A	N/A	
200	132	192	211.2		6KFP53200X8XXCA1	\$21150.00	std	\$1190.00	\$3990.00	N/A	N/A	std
250	160	242	266 2		6KFP53250X8XXCA1	\$24850.00	std	\$1190.00	\$3990.00	N/A	N/A	and the second se
300	200	290	319	IPO0 (8) Chossis	6KFP53300X8XXCA1	\$28495.00	std	\$1190.00	\$3990.00	N/A	N/A	std
350	250	344	378.4	RFI, A2	6KFP53350X8XXCA1	\$30860.00	std	\$3525.00	\$6990.00	N/A		std
400	315	400	440	Keypad	6KFP53400X8XXCA1	\$41880.00	std	\$3525.00	\$6990.00	N/A	N/A	std
450	355	450	495	Conformal Coated	6KFPS3450X8XXCA1	\$51060.00	std	\$3525.00	\$5990.00	N/A	N/A	std
500	400	500	\$50		6KFP53500X8XXCA1	\$65180.00	std	\$7500.00	\$11170.00	N/A	N/A	std
600	450	570	627		6KFP53600X8XXCA1	\$83000.00	std	\$7500.00	\$11170.00	N/A	<u>N/A</u>	std
650	500	630	693		6KFP53650X8XXCA1	\$95150.00	std	\$7500.00	\$11170.00		<u>N/A</u>	std
750	560	730	803	1000 1000 1000 1000	6KFP53750X8XXCA1	\$120550.00	N/A	std	\$11170.00	<u>N/A</u>	N/A	std
950	710	850	935	IP21/NEMA 1 (1)	6KFP53950X1XXCA1	\$137550.00	N/A	std		N/A	N/A	std
1050	800	945	1039 5	RFI: A2	6KFP531K0X1XXCA1	\$159900.00	N/A		\$11170.00	N/A	N/A	std
1150	900	1060	1166	Keypad	6KFP531K1X1XXCA1	\$181050.00	N/A	std	\$11170.00	N/A	N/A	std
1350	1000	1260	1386	Conformal Coated	6KFP531K3X1XXCA1	\$200100.00	N/A	std	\$11170.00	N/A	N/A	std
					ere i se sua Astra Cas	\$200100.00	PI/A	std	\$11170.00	N/A	N/A	std



Rev. 8/15 Prices and data subject to change without notice

Section 15

Drives AF-600FP™ Fan and Pump Drive Field Installed IP21/NEMA 1 Add-On Option Kits

Voltage	HP	kW	IP21/NEMA 1 Kit	List Price	Fits AF-600FP" IP2
voluge	Rating	Roting	Product No.	GO-5AC	Orive Product No.
	1	1,1	NEMA1ACA2	\$110.00	6KFP23001X9XXXA
	2	15	NEMA1ACA2	\$110.00	6KFP23002X9XXXA
	3	22	NEMA1ACA2	\$110.00	6KFP23003X9XXXA
	5	37	NEMA1ACA3	\$110.00	6KFP23005X9X0XA
	7.5	5.5	NEMA1ACB3	\$140.00	6KFP23007X9XXXA
1427	10	7.5	NEMA1ACB3	\$140.00	6KFP23010X9XXXA
230	15	1	NEMA1ACB3	\$140.00	6KFP23015X9XXXA
	20	15	NEMA1AC84	\$150.00	6KFP23020X9XXXA
	25	185	NEMA1ACB4	\$150.00	6KFP23025X9XXXA
	30	22	NEMA1ACC3	\$160.00	6KFP23030X9XXXA
	40	30	NEMA1ACC3	\$160.00	6KFP23040X9XXXA
	50	37	NEMA1ACC4	\$175.00	6KFP23050X9XXXA
	60	45	NEMA1ACC4	\$175.00	6KFP23060X9XXXA
	1	1.1	NEMA1ACA2	\$110.00	6KFP43001X9XXXA
	2	15	NEMA1ACA2	\$110.00	6KFP43002X9XXXA
	3	2.2	NEMA1ACA2	\$110.00	6KFP43003X9XXXA
	5	37	NEMA1ACA2	\$110.00	6KFP43005X9XXXA
	7.5	5 5	NEMA1ACA3	\$115.00	6KFP43007X9XXXA
	10	7.5	NEMA1ACA3	\$115.00	6KFP43010X9XXXA
	15	11	NEMA1AC83	\$140.00	6KFP43015X9XXXA
460	20	15	NEMA1ACB3	\$140.00	6KFP43020X9XXXA
	25	185	NEMA1ACB3	\$140.00	6KFP43025X9XXXA
	30	22	NEMA1ACB4	\$150.00	6KFP43030X9XXXA
	40	30	NEMA1ACB4	\$150.00	6KFP43040X9XXXA
	50	37	NEMA1ACB4	\$150.00	6KFP43050X9XXXA
	60	45	NEMALACC3	\$160.00	5KFP43050X9XXXA
	75	55	NEMA1ACC3	\$160.00	6KFP43075X9XXXA
	100	75	NEMA1ACC4	\$175.00	6KFP43100X9XXXA
	125	90	NEMA1ACC4	\$175.00	6KFP43125X9XXXA
	1	11	NEMA1ACA3	\$115.00	6KFP53001X9XXXA
	2	15	NEMA1ACA3	\$115.00	6KFP53002X9XXXA
	3	22	NEMA1ACA3	\$115.00	6KFP53003X9XXXA
	5	37	NEMA1ACA3	\$115.00	6KFP53005X9XXXA
	7.5	55	NEMA1ACA3	\$115.00	5KFP53007X9XXXA1
	10	7.5	NEMA1ACA3	\$115.00	6KFP53010X9XXXA
	15	11	NEMA1ACB3	\$140.00	6KFP53015X9XXXA
75	20	15	NEMA1ACB3	\$140.00	6KFP53020X9XXXA
	25	185	NEMA1ACB3		
	30	22	NEMA1AC84	\$140.00 \$150.00	6KFP53025X9XXXA1 6KFP53030X9XXXA1
	40	30	NEMALACB4		
	50	37	NEMA1ACB4	\$150.00	6KFP53040X9XXXA1
	60	45	NEMATACE3	\$150.00	6KFP53050X9XXXA1
	75	55		\$160.00	6KFP53060X9XXXA1
	100	75	NEMA1ACC3	\$160.00	6KFP53075X9XXXA3
	125	90	NEMA1ACC4	\$175.00	6KFP53100X9XXXA1
	123	An	NEMA1ACC4	\$175.00	6KFP53125X9XXXA)





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Drives AF-600FP[™] Fan and Pump Drive Options and Accessories

Remote Mounting Kit for graphical LCD Keypad

Remote Mounting Kit for mounting graphical LCD Keypad on enclosure door. Kit includes gasket, mounting brackets, and cable. Keypad is rated IP65.

Description	Product Number	List Price GO-SAC
Remote Mounting Kit for graphical LCD Keypod	RMKYPDAC	\$95.00
Remote Mounting Kit without coble	OPCRMKNC	\$85.00

Profibus DP Communications Module

Profibus DP internal drive mounted module for use on AF-650GP™ and AF-600FP™ drives, Supports Profibus DP V1 communications networks.

Description		List Price
	Product Number	GO-SAC
Profibus DP Communications Module	OPCPDP	\$725.00

DeviceNet Communications Module

DeviceNet internal drive mounted module for use on AF-650GP[™] and AF-600FP[™] drives. ODVA certified device.

Description	Product Number	List Price GO-SAC
DeviceNet Communications Module	OPCDEV	\$600.00

Ethernet IP Communications Module¹

Ethernet IP internal drive mounted module for use on AF-650GP™ and AF-600FP™ drives. ODVA certified device, Features 2-Port built-in switch. Also includes webserver and email notification.

Product Number	List Price GO-5AC
ÓPCEIP	\$700.00

a set and the network and cannot be used with any other network or t

Modbus TCP Communications Module

Modbus TCP internal drive mounted mod	tule for use on AF-650GP" and A	F-600FP* drives
Oescription	Product Number	List Price GO-SAC
Modbus TCP Communications Module	OPCMETCP	\$700.00

ProfiNet RT Communications Module

ProfiNet RT internal drive mounted ma	odule for use on AF-650GP™ and A	F-600FP ^{**} drives.
Description	Product Number	List Price GO-SAC
ProfiNet RT Communications Module	OPCPRT	\$700.00

LonWorks Communications Module

LonWorks internal drive mounted module for use on AF-600FP™ drives only. Supp	onts
LonWorks building automation communications networks.	

Description	Product Number	List Price GO-5AC
LonWorks Communications Module	OPELON	\$600.00

BacNet Communications Module

BacNet internal drive mounted module for use on AF-600FPth drives only. Supports BacNet MSTP building automation communications networks.

Description		List Price
oesciption	Product Number	GQ-5AC
BacNet Communications Module	OPCBAC	\$600.00



Section 15

Remote Mounting Kit



Profibus DP Communications Module



DeviceNet Communications Module



Drives AF-600FP[™] Fan and Pump Drive Options and Accessories

Relay Output Module

Relay Output internal drive mounted module for use on the AF-650GP™ and AF-600FP™ drives. Module adds (3) Form C relay outputs to the drive. Relays are rated at 2A at 240V resistive load.

Description	Product Number	List Price GO-SAC
Reloy Output Module	OPCRLY	\$475.00

Analog I/O Module

Analog I/O internal drive mounted module for us on the AF-600FP™ drive only. Module Includes:

Analog I/D Module		
	Product Number	GO-SAC
Description		List Price
Battery Back-Up power for a	AF-600FP***s internal Real Time Cl	lock
3) Analog Outputs 0-10V		

24V DC External Supply Module

24V DC External Supply internal drive mounted module for use on the AF-650GP[™] and AF-600FP[™] drives. This module accepts an external 24V DC supply which is used to keep the control board of the drive and other option modules powered in the event of a Line side power outage. Can be used with Communications and I/O Modules.

Description	Product Number	List Price GO-5AC
24V DC External Supply Module	OPC24VPS	\$240.00

General Purpose I/O Module

General Purpose I/O internal drive mounted module for use on AF-650GP[™] and AF-600FP[™] drives. Module includes:

3) 24V Digital Inputs 2) PNP/NPN Digital Outputs 2) 0-10V Analog Inputs 1) 0/4-20mA Analog Output

Description	Product Number	List Price GO-5AC
General Purpose I/O Module	OPCGPID	\$475.00

Screw Terminal Accessory

Screw Terminal Accessory is available for field installation on AF-650GP[™] and AF-600FP[™] drives. These screw terminals can replace the cage clamp terminals which ship with each drive. This set of three terminals are for the digital inputs, analog I/O, and RS485 connection.

	List Price
Product Number	GO-SAC
OPCTERM	\$25.00
	Product Number OPCTERM

Pedestal Kit

Pedestal Kit allows Unit Size 41 and 42 drives (NEMA 1 and 12, 150HP to 350/400HP at 460V/575V AF-600 FP and 125HP to 300/400HP at 460/690V AF-650 GP) to be floor mounted.

		List Price
Description	Product Number	GO-5AC
Prdestol Kit	OPC4XPED	\$875.00







Relay Output Module



Analog I/O Module



24V DC External Supply Module



General Purpose I/O Module

Drives AF-600FP™ Fan and Pump Drive Options and Accessories

Section 15

USB Kit

This kit allows for the USB programming terminal to be brought out to the front cover of the drive. Works with all drive types.

Description	Product Number	List Price GO-SAC
For oll drives up to Unit Size SX	OPCUSB	\$75.00
For all Unit Size 6X drives	OPCUSB6X	\$225.00

Power Shields

These shields are used to cover the drive power terminals an NEMA 1 and NEMA 12 drive types.

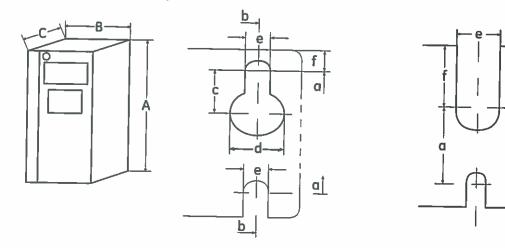
•		List Price
Description	Product Number	GO-SAC
For Unit Size 41 and 42 drives	DPCCOVER4142	\$520.00
For Unit Size 51 drives	OPCCOVER51	\$1305.00

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15-46

Drives AF-600FP™ Fan and Pump Drive Dimensional Drawings



Mechanical Dimensions, 1X Unit Sizes

Unit Size	Dimensions	12	13	15	
Drive Type		IP20 Open Chossis	P20 Open Chassis		
Voltage		in the open entransis	i Peu Open Chassis	NEMA 12	
240V		1 to 3HP	SHP	b 4 - 51 (B	
460V		1 to SHP	7 5 to 10HP	1 to SHP	
575V	1	100011		1 to 10HP	
Height			1 to 10HP	1 to 10HP	
Height of bockplote	A	10 55 m	10 55 in		
Height with de-coupling plote	A	1472 m		16 54 in	
Distance between mounting holes	0	10 12 m	14 72 in	-	
Width		10 12 81	10 12 in	15 83 in	
Width of backplate	B	3 54 in	5 12 in		
Distance between mounting holes	b	276 in	433 in	953 in	
Depth		LTOW	43310	8 46 in	
Depth without I/O and/or Network Opti	on C	8 07 in	8 07 in	7 68 in	
Depth with I/O and/or Network Option	c	8 67 m	867 m		
Screw Holes	-		80710	7 68 in	
	c	0 315 m	0315 in	0 325 in	
	ď	0 433 in	0 433 in	0472 in	
	e	0216 in	0 216 in	0 256 in	
u t h	ſ	0 354 in	0 354 in	0 354 in	
Weight		10 8 lbs	14 5 lbs	29 7/31 2 lbs	

Mechanical Dimensions 2X Unit Sizes

Unit Size	Dimensions	21	22	23	24
Drive Type		NEMA 12	NEMA 12	IP20 Open Chossis	and the second s
Voltage				in an open choses	IP20 Open Chossis
240V 1-Phase		2 to 7.5HP	10HP		
240V		7 5 to 15HP	ZOHP	7.5 to 15HP	
460V 1-Phase		10HP	15HP	1.9 (0 TOHM	20 to 25HP
460V		15 to 25HP	30 to 40HP	10 x 10 x 10	
\$7\$V		15 to 25HP	30 to 40HP	15 to 25HP	30 to SOHP
feight		as to garir	20 10 40HP	15 to 25HP	30 to 50HP
Height of backplate	A	18 9 in	25.6 m		
Height with de-coupling plate	A			157 M	20 5 in
Distonce between mounting holes	0	179 m		16 54 in	23 43 in
Width		17.241	24 6 in	14 96 in	19 S in
Width of backplate	8	9 53 in	9 53 m	65 m	
Distonce between mounting holes	b	8 27 m	8 27 in		906 in
Depth			DET 41	\$ 5 m	7 87 in
Depth without I/O and/or Network Opi	tion C	10 24 in	10 Z4 in	981 in	9 53 m
Depth with I/O and/ar Network Option	C	10 24 in	10 24 in	1031 in	and the second se
icrew Holes				142101	9 53 in
	c	0 472 m	0 47Z in	0 3 15 in	
	d	0.748 in	0 748 m	0472 in	
	e	0 354 in	0 354 in	0 268 in	0.117
here a second	f	0 354 in	0 354 in	0 31 in	0335 in
Weight		50 6 lbs	59 5 lbs		0 59 in
			ee e 163	26 4 lbs	51.7 lbs



Rev. 8/15 Prices and data subject to change without notice

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Drives AF-600FP™ Fan and Pump Drive Dimensional Drawings

Section 15

Mechanical Dimensions, 3X Unit Sizes

	mensions	31	32	33	34
Drive Type		NEMA 12	NEMA 12	IP20 Open Chossis	IP20 Open Chossis
Voltage				web open chossis	IP20 Open Chossis
240V 1-Phase		50Hb	30HP		
240V	1	25 to 40HP	50 to 60HP	30 to 40HP	50 to 60HP
460V 1-Phase		25HP	SOHP	3010 4011	50 10 60HP
460V		50 to 75HP	100 to 125HP	60 to 75HP	100 to 125HP
575V		50 to 75HP	100 to 125HP	60 to 75HP	100 to 125HP
Height				0010101	100 (0 123HP
Height of backplate	A	26 78 m	30 31 m	21 65 m	25 98 in
Height with de-coupling plate	A			24.8 in	315 in
Distance between mounting holes	a	25 51 in	29 1 in	2051 in	2484 in
Width				LOSIN	24 84 111
Width of backplate	B	12.13 in	14 57 in	12 13 in	14 57 in
Distance between mounting holes	b	1071 in	13 15 m	10 63 in	12 99 in
Depth				10.02.01	16 22 11
Depth without I/O and/or Network Option	C	12.2 m	13 19 in	13 12 in	13 12 in
Depth with I/O and/or Network Option	C	12 Z in	13 19 in	13 12 in	13 12 m
Screw Holes				AV 65 11	13 16 11
	c	0 492 m	0 492 in		
·	d	0 748 m	0.748 in		
	e	0354 in	0 354 m	0 335 m	0 335 in
	f	0 386 in	0 386 m	067 in	0.67 in
Weight		99 lbs	143 lbs	77 lbs	110 lbs

Mechanical Dimensions IP20 Open Chassis Drives with Field Installed IP21/NEMA 1 Kits¹

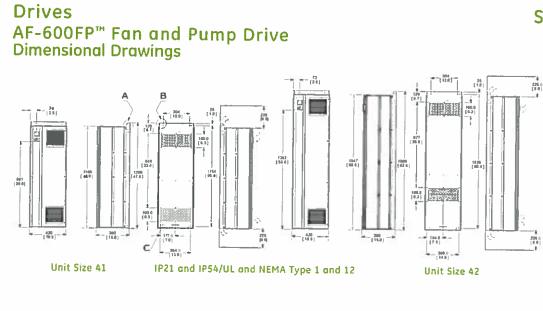
IP20 Open Chassis 1 Kit with IP21/NEMA 1 Kit SHP	IP20 Open Chassis with IP21/NEMA 1 Kit	IP20 Open Chassis with IP21/NEMA 1 Kit	IP20 Open Chossis with IP21/NEMA 1 Kit	IP20 Open Chossis
SHP		the carrie of a rat		
SHP			the second of a full	with IP21/NEMA 1 Kit
	7.5 to 15HP	20 to 25HP	30 to 40HP	50 to 60HP
7 5 to 10HP	15 to 25HP	30 to SOHP	60 to 75HP	100 to 125HP
1 to 10HP	15 to 25HP	30 to SDHP		100 to 125HP
			00101210	100 10 16 500
1476 in	18 7 in	26 A in	29.7 in	37.4 m
			6.2.7 HI	37.401
5 12 in	6 5 in	91 in	121.0	14.6 in
4 33 in	55 m	and a second	and the second s	130 in
			20011	13010
8 07 in	981 in	9 53 in	13 % in	13 3 in
8 67 in	10 31 m	9 53 in		133 in
	1 to 10HP 14 76 in 5 12 in 4 33 in 8 07 in	1 to 10HP 15 to 25HP 14 76 in 18 7 in 5 12 in 65 in 4 33 in 55 in 8 07 in 9 81 in	1 to 10HP 15 to 25HP 30 to 50HP 14 76 in 18 7 in 26 4 m 5 12 in 6 5 in 9 1 in 4 33 in 5 5 in 7 9 in 8 07 in 9 81 in 9 53 in	1 to 10HP 15 to 25HP 30 to 50HP 60 to 75HP 14 76 in 18 7 in 26 4 m 29 7 in 5 12 in 6 5 in 9 1 in 12 1 m 4 33 in 5 5 in 7 9 in 10 6 in 8 07 in 981 in 953 in 133 in

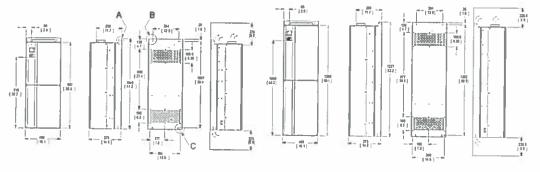
¹Please consult IP21/NEMA 1 Kit Instructions for further mounting details and dimensions.

Note: Please allow 2" between drives with field installed IP21/NEMA 1 Kits. Also, please consult the relevant AF-6 Series drives Operating Instructions for recommended clearance abave and belaw each drive rating.



Section 15



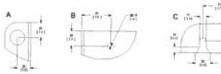


Unit Size 43

IP00/Chassis

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Unit Size 44



IP00/IP21/IP54-All Sizes

Unit Size	41	42	43	44	
Drive Type	NEMA 1/NEMA 12	NEMA 1/NEMA 12	IP00 Open Chossis	IP00 Open Chossis	1.
Voltage			n oo open cinasia	indo open chassis	
460V	150 to 200HP	250 to 350HP	150 to 200HP	250 to 350HP	
575V	150 to 200HP	250 to 400HP	150 to 200HP	250 to 400HP	
Shipping Dimensions	S			EDG (0 400HF	
Height	25 6 in	25 6 in	25 6 in	25 6 m	
Width	68 11 in	68 11 m	48 03 in	58 66 in	
Depth	22 44 in	22 44 in	22 44 in	22 44 in	
Orive Dimensions			ET AA MI	22 44 11	
Height	47.6 in	62 \$6 in	41 18 in	52 24 in	
Width	16 54 in	16 54 in	16 06 m	1606 m	
Depth	14 96 in	1496 in	14 76 in	1476 in	
Weight	228 B lbs	332 2 ibs	200 2 lbs	303 6 lbs	



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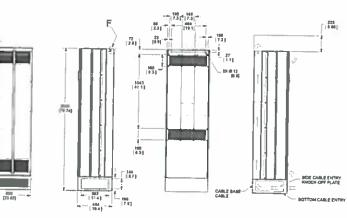
Drives AF-600FP[™] Fan and Pump Drive Dimensional Drawings

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Section 15

Unit Size 51 Dimensions

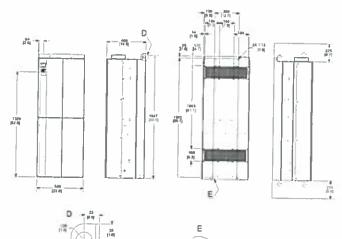
Drive Type	NEMA 1/NEMA 12	
Voltage		
450V	450 to 600HP	1
575V	450 to 650HP	
Shipping Dimensions		
Height	33 1 in	
Width	86 5 in	
Depth	28 9 in	
Drive Dimensions		
Height	78.7 in	
Width	23 6 in	_
Depth	194 in	101.01
Weight	690 lbs	



Unit Size 51, IP21 and IP54/UL and NEMA Type 1 and 12

Unit Size 52 Dimensions

Orive Type	IP00 Open Chassis
Voltage	
460V	450 to 600HP
\$75V	450 to 650HP
Shipping Dimensions	
Height	32.7 in
Width	67.1 in
Depth	28 9 m
Drive Dimensions	
Height	60 9 in
Width	23 1 in
Depth	196 in
Weight	610 lbs



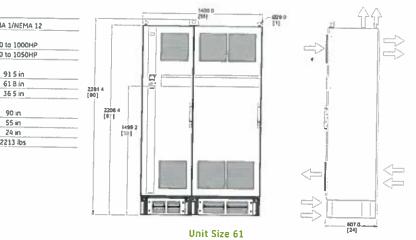
Unit Size 52, IPOO/Chassis

-12-

17

Unit Size 61 Dimensions

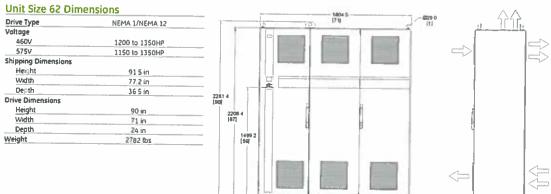
Drive Type	NEMA 1/NEMA 12	
Voltage		
460V	650 to 1000HP	
575V +	750 to 1050HP	
Shipping Dimensions		_
Height	91 5 in	
Width	61.8 in	_
Depth	36 5 in	
Drive Dimensions		
Height	90 m	
Width	S5 in	_
Depth	24 in	
Weight	2213 lbs	





Section 15

Drives AF-600FP[™] Fan and Pump Drive Dimensional Drawings

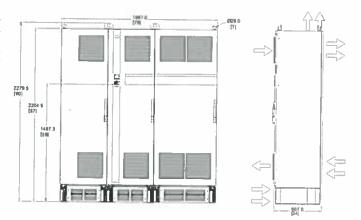


П 11 605 6 [24]

Unit Size 62

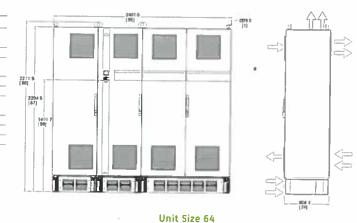
Unit Size 63 Dimensions

Drive Type	NEMA 1/NEMA 12
Voltage	
460V	650 to 1000HP
\$7\$V	750 to 1050HP
Shipping Dimensions	
Height	915 in
Width	85 in
Depth	36 5 m
Drive Dimensions	
Height	90 in
Width	79 in
Depth	24 in
Weight	2864 lbs



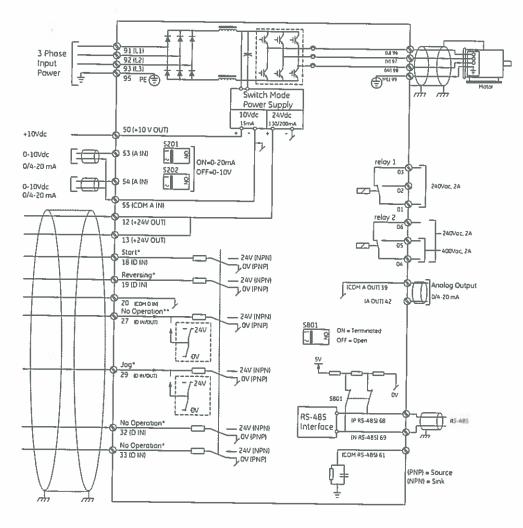
Unit Size 63

Drive Type	NEMA 1/NEMA 12
Voltage	
460V	1200 to 1350HP
575V	1150 to 1350HP
Shipping Dimensions	20
Height	91 S in
Width	100.1 in
Depth	36 5 in
Drive Dimensions	
Height	90 in
Width	94 5 in
Depth	24 in
Weight	3397 lbs





Drives AF-600FP[™] Fan and Pump Drive Basic Wiring Diagrams



* Indicates default setting; see Parameter Group E-## to re-program.

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** Indicates default setting for version 1.10 drives or higher. Prior versions are set to Coast Inverse, indicating that terminal #27 must be Logic "High" to enable the drive to run. See Parameter E-03 Terminal 27 Digital Input to re-program.



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Drives AF-600FP[™] Fan and Pump Drive Efficiency, Watt Loss, Unit Size, Dimensions and Weights

230 Vac, 1-Phase, 50/60Hz

	Output		Efficiency		Watt	GE Unit	Drive	14-1-6-A	and but		
	Current	at <u>5 kHz</u> (%)	at 4 kHz (96)	at 3 kHz (%)	Loss (W)	Size	Туре	Height (in)	(in)	Depth (in)	Weight
2	7.5	98			30	21	IP21/NEMA 1	18 9	9 53	10 24	(lbs) 506
5	10.6	98			44	21	IP21/NEMA 1	189	9 53	10 24	50.6
75	167	98			60	21	IP21/NEMA 1	18 9	953	10 24	50.6
10	308		98		80	21	IP21/NEMA 1	18 9	9 5 3	10 24	50.6
20	59.4		98		100	22	IP21/NEMA 1	25.6	9 53	10 24	59 5
0	68		-0	98	200	31	IP21/NEMA 1 IP21/NEMA 1	2678	12 13	12.2	99
				50	200	36	IPEI/NEMA 1	30 31	14 57	13 19	143

230 Vac

HP	Output		Efficiency		Watt	GE Unit	Drive	Mariata .			
Rating	Current	at 5 kHz (%)	at 4 kHz (%)	at 3 kHz (%)	Loss (W)	Size	Туре	Height (in)	Width	Depth (in)	Weight (Ibs)
1	66	96	0.000		63	12	IP20 Chassis	14.7	35		
2	7.5	96			82	12	IP20 Chassis	147	35	87	10.8
3	106	96			116	12	IP20 Chassis	147	35	87	108
5	167	96			185	13	IP20 Chossis	147	51	87	108
7.5	24 2		96		269	23	IP20 Chassis	1571	65	B7	14 55
10	30.8		96		310	23	IP20 Chassis	1571	65	913	265
15	46 2		96		447	23	IP20 Chossis	1571	65	913	26.5
20	59 4		96		602	24	IP20 Chassis	20.47	the second se	913	26.5
25	74 8		96		737	24	IP20 Chassis	2047	9 06	941	51 B
30	88			97	845	33	IP20 Chassis	2047	9 06	941	51.8
40	115			97	1140	33	IP20 Chossis		1213	13 15	77.2
50	143			97	1353	34	IP20 Chassis	24.8	12.13	13 15	77 2
60	170			97	1636	34	IP20 Chossis	315	14 57	13.15	1102
					6 w 4 6	34	1140 0105515	315	14 57	13 15	110 2

460 Vac, 1-Phase, 50/60Hz

HP	Output		Efficiency	1000	Wett	GE Unit	Drive	Martine .			
Rating	Current	at 5 kHz (%)	at 4 kHz (%)	at 3 kHz (%)	Loss (W)	Size	Туре	Height (in)	Width (in)	Depth (in)	Weight (Ibs)
10	14 5	96			300	21	IP21/NEMA 1		2 Page 1		
15	21		96			61		189	953	10 24	50.6
20			20		440	25	IP21/NEMA 1	256	953	10 24	59.5
23	34		96		740	31	IP21/NEMA 1	2678	1213		
50	65			96	1486				36.83	12.2	99
				30	1480	32	IP21/NEMA 1	3031	14 57	17.10	10.0

460 Vac

HP	Output		Effic	iency		Watt	GE Unit	Drive	Height	M.F. date	A	
Rating	Current	at 5 kHz (%)	at 4 kHz (96)	at 3 kHz (%)	at 2 kHz (%)	Loss (W)	Size	Туре	(in)	Width {in}	Depth (in)	Weight (Ibs)
1	21	96				58	12	IP20 Chassis	147	35	87	10 8
¢	34	97				62	12	IP20 Chossis	147	35	87	108
3	48	97				88	12	IP20 Chassis	147	35	87	108
2	82	97		1		124	12	P20 Chassis	147	35	87	108
7.5	11	97				187	13	IP20 Chossis	147	51	87	14 55
10	145	97				255	13	IP20 Chossis	147	51	87	14 55
15	21		98			278	23	IP20 Chassis	1571	65	913	
20	27	1 · · · · · · · · · · · · · · · · · · ·	98			392	23	IP20 Chossis	1571	65	913	26.5
25	34		98			465	23	IP20 Chossis	1571	65		26.5
30	40		98			525	24	IP20 Chassis	20.47	9.05	913	26.5
40	52	-	98			698	24	IP20 Chossis	2047	9.06	941	51.8
50	65		98	- C		739	24	IP20 Chossis	2047		941	518
60	80			98		843	33	IP20 Chossis		906	941	518
75	105			98		1083	33	IP20 Chassis	248	1213	13.15	77.2
100	130			86	-	1384	34	IP20 Chassis	24.8	* 12.13	13 15	77.2
125	160			99		1474	34	IP20 Chossis	315	14 57	13 15	110.2
150	190			98		3234	43		31.5	14 57	13 15	1102
200	240	17.		98		3782	43	IPO0 Chassis	393	16.1	147	200 6
250	302	1		98		4213	43	IPO0 Chassis	393	16.1	147	200 6
300	361			98		5119		IPO0 Chassis	\$0.3	16 1	147	304 2
50	443			98		5893	44	IPOD Chassis	SO 3	16 1	147	304 2
50	540			30	98		44	IP00 Chassis	503	16 1	147	304 2
500	\$90	-			98	7630	52	IPO0 Chassis	59	23	195	611
iso	678					7701	52	IPO0 Chossis	59	23	195	611
00	730				98	6879	52	IPO0 Chassis	\$9	23	195	611
50	780				98	9428	52	IPO0 Chossis	59	23	195	611
50	890				98	10647	61	IP21/NEMA 1	86.8	\$51	239	2214
00	1050				98	12338	61	IP21/NEMA 1	868	551	23 9	2214
000	1160				98	13201	61	IP21/NEMA 1	868	551	23.9	2214
200	1380				98	15436	61	IP21/NEMA 1	868	551	23.9	2214
350	1530				98	18084	62	IP21/NEMA 1	86 B	71	23.9	2748
9.94	1330				98	20358	62	IP21/NEMA 1	868	71	23.9	2748





Drives AF-600FP™ Fan and Pump Drive Efficiency, Watt Loss, Unit Size, Dimensions and Weights

Section 15

HP	Output		Effic	iency		Watt	GE Unit	Drive				
Rating	Current	ot S kHz (%)	at 3 kHz (%)	at 2 kHz (%)	at 1.5 kHz (%)	Lass (W)	Size	Туре	Height (in)	Width (in)	Depth (in)	Weight (lbs)
1	24	97				50	13	IP20 Chassis	147	51	87	14 55
2	2.7	97				65	13	IP20 Chossis	147	51	87	14 55
5	39	97				92	13	IP20 Chassis	147	51	87	14 55
-	61	97				145	13	IP20 Chassis	147	51	87	14 55
75	9	97		10.00		195	13	IP20 Chossis	147	51	87	14 55
10	11	97	-			261	13	IP20 Chossis	147	51	87	14 55
15	18		98			300	23	IP20 Chossis	1571	65	913	265
20	22		98			400	23	IP20 Chossis	1571	65	913	
25	27		98		0	475	23	IP20 Chassis	1571	65	913	265
30	34		98			525	24	IP20 Chassis	20.47	906	941	265
40	41		98			700	24	IP20 Chossis	20 47	9.06	941	518
50	52		98			750	24	IP20 Chossis	20.47	906	941	518
60	62			98		850	33	IP20 Chossis	24.8	12.13	13 15	518
75	83			98		1100	33	IP20 Chassis	248	12 13	13 15	77.2
100	100			98		1400	34	IP20 Chassis	315	14 57	13 15	77.2
125	131		-	98		1500	34	IP20 Chassis	315	14 57		110.2
150	155	Sec. 22. 22. 3		98		3114	43	IPO0 Chossis	393	14 57	13.15	1102
200	192	-		98		3612	43	IPO0 Chassis	393	161	147	180 8
250	242			98	199 - 19 - 19 - 19 - 19 - 19 - 19 - 19	4293	44	IPOO Chassis	503		147	180 8
300	290			98		\$156	44	IPO0 Chassis	503	161	147	2469
350	344		112.00	98		5821	44	IPD0 Chassis	503	161	147	246 9
00	400				98	6149	44	POO Chassis	50.3	161	147	2469
150	450				98	6449	52	IPO0 Chassis	59	16.1	147	2469
00	\$00		S		98	7249	52	IPO0 Chassis	59	23	195	487.2
500	\$70				98	8727	52	IPO0 Chassis		23	195	487.2
50	630				98	9673	52	IPO0 Chassis	59	23	195	487.2
50	730				98	11315	61	and the second se	59	23	195	487 2
50	850				98	12903	61	IP21/NEMA 1	868	551	239	22134
050	945		1.1.1.1		98	14533	61	IP21/NEMA 1	868	551	23 9	22134
150	1060				98	14533		IP21/NEMA 1	86 B	551	23 9	2213.4
350	1260				98	19207	62	IP21/NEMA 1	86.8	71	23.9	2746 9
					24	13501	62	IP21/NEMA 1	868	71	23.9	27469

525 - 600 Vo



Drives AF-600FP[™] Fan and Pump Drive Standard Specifications

Environmental Conditions

Enclosures	IP20 Chossis, IP00 Chossis, IP21/NEMA 1, IPS5/NEMA 12, IP54/NEMA 12
Plenum Ratings	Drives and options are UL rated for installation inside an handling ducts and plenums
Installation Location	Do not install in locations where product could be exposed to dust, corrasive gas, inflammable gas, oil mist, vapor, water draps or direct sunlight. There must be no salt in the atmosphere. Condensation must not be caused by sudden changes in temperature. For use of altitudes of 3280 ft. (1000M) or less without derating
Storage Temperature	-25° to 65°C
Ambient Temperature	-10° to +50°C (24 hour average max of 45°C)
Ambient Humidity	5 to 95% RH (non-condensing)
Vibrotion	100
Cooling Method	Fan Cooled all ratings Fan Control Auto, 50% level, 75% level, 100% level adjustable

Standard

Approvels	CE, UL, cUL, and C-Tick
	Suitable for use on a circuit capable of delivering not more than 100,000 rms symmetrical amperes for 208/230V and 460V.
Input Power Supply	
Roted Input AC Voltage	200-240 Vac, 3-phase, 50-60 Hz, +/- 10% V
	380-480 Vac, 3-phase, 50-60 Hz, +/- 10% V
	\$25-600 Vac, 3-phase, \$0-60 Hz, +/- 10% V
Maximum Voltage Imbalance	3% of rated supply voltage
True Power Factor	> 0.9 nominal at rated load
Displacement Power Factor	> 0 98
Switching on input power supply	Maximum twice/minute up to 10HP. Maximum once/minute above 10HP
Environment according to EN60664-1	Overvoltage category III/poliution degree 2
DC Link Reactors	Built-In DC Link Reactors on all rotings
RFI Filters	Built-In RFI Filters to reduce noise generated by the drive. Meets industrial standards
Output	
Roted Output Voltage	0-100% of supply voltage
Dutput Frequency	0-1000 Hz 0-800Hz for 460V above 125HP and 525-690 V above 125HP
Switching on output	Unlimited
Accel/Decel Times	1-3600 seconds
Control Method	Sinusoidal PWM Control W/Hz, Avd Vector Control

Control	
Storting Torque	110% starting torque for 1 minute variable torque
Carrier Frequency (Motor Noise)	Selectable - 1, 15, 2, 25, 3, 35, 4, 5, 6, 7, 8, 10, 12, 14, 16 kHz
Torque Boost	0 - 300% setting to compensate voltage in relation to
	the load at low speed
Acceleration/Deceleration Time	0 01-3600 seconds (4 acceleration and deceleration
	times are selectable via digital inputs. Acceleration and
	deceleration patterns can be selected from linear or
	S-curvel
Data Protection	Password Protection for Quick Menu or Main Menu,
	0-9999
Pattern Operation	Settings via Built-In Logic Controller Sequencer
Jump Frequency Control	4 jump for skip) frequencies via parameter set to avoid
	mechanical vibration
Slip Compensation	Mointains motor at constant speed with load fluctuations
Torque Limit Control	Output torque can be controlled within a range of 0.0
	to 110% (0.1 and steps)
8 Preset Speeds	8 programmable preset speeds selectable by 3 digital
	inputs
Preset Speeds	B presets via digital inputs
Built-In Communications	Drive RS-485, Modbus RTU, Metosys N2, or
	Apogee FLN P1
Trim Reference Setting	Available for speed reference offset via potentiometer.
	voltage input, or current input
DC Injection Braking	Storting frequency: 0.0-1000 Hz, 0-800Hz for 460V
-	above 125HP and 525-690 V above 125HP
	Braking time: 0.0-60.0 seconds
	Broking level 0-100% of rated current
logging Operation	Operation via On key or digital input (Fwd or Rev)
Auto-Restart After Power Failure	Restarts the drive without stopping after instantaneous
	power failure
inergy Savings	Controls output voltage to minimize motor loss during
	constant speed operation
tort Mode Function	This functionality smoothly catches a spinning motor
ire Override Mode	Overrides drive's protective features and keeps mator
	running
ump Coscode Controller	Distributes running hours evenly over up to 4 pumps
leep Mode	Drive detects low or no flow conditions and adjusts
	output
Pry Pump Detection	Detects pump operation and can set off alarm, shuts off
	or other programmed actions
elt Monitoring	Drive can detect relationship between current
	and speed to recognize a broken belt
eal Time Clock	With programmable timed actions

Logic Controller (LC) Sequencer

Logic Controller Events	Upto 38 Programmable Events
Comparators	Array of 6 Comparators
Timers	Array of 8 Timers, adjustable from 0.0 to 3600 sec
Logic Rules	Array of 6 Boolean Logic Rules
Logic Controller States	Array of 20 Logic Controller Action States

Process Controller (PID)

Process PID Controller	4 Auto Tune PID Controllers Built-In
Process CL Feedback Select	Up to 2 references Selectable - No function, Motor Feedback, Separate Encoder, Encoder Option Module, or Resolver Option Module
Process PID Control	Normal or inverse
Process PID Anti Windup	Disobled or enabled
Process PID Start Speed	0 0-200 Hz
Process PID Proportional Gain	0 00-10 00
Process PID Integral Time	01 - 10000 0 ms
Process PID Oifferential Time	00 - 10 s
Process PID Differential Gain	10-50 00
Process PID Feed Forward Factor	0-500%
On Reference Bandwidth	0-200%



15-55

Drives AF-600FP[™] Fan and Pump Drive Standard Specifications

	Keypad	
Keypad operation. Hand, Off, Auto Digital Input: Programmable for Start/Stop, Forward/Reverse, Jog Timer operation. Stop after predetermined time frame Communications: RS-485 Modbus RTU, Metasys N2, and Apagee FLN P1 USB Port for programming drive with antional PC Software	Keypad Features	LCD Display with 6 Alpha-numeric lines Multi-Language Support Hot Pluggable, Remote Mount Option, and CopyCat Feature, IP65 rating when remote mounted on enclosure LED's - Green - drive is on, Yellow - indicates a warning, Red - indicates an alarm, Amber - Indicates active
Left or Right Arrow buttons on keypad in Manual Mode Speed Potentiometer D to +10 Vdc, 10 to 0 Vdc 0-10Vdc analog input	Keypad Keys	Menukeys and H-O-A keys Status - shows status of drive Quick Menu - Enters Quick Start, Parameter Data Check, or Trending Modes
Up to 3 Input References can be selected from Analog Input #1 or #2, Frequency Input #1 or #2, Network, or Potenborneter		Main Menu - Used for programming all drive parameters Afarm Log - Used to display Alarm list Back - Reverts to previous step or layer in parameter structure
No Operation Reset after drive trip or alarm Drive at stop with no holding current Quick Stop according to Quick Stop Decel Time 1 Stop on input going Iow Stort		structure Cancel - Used to cancel lost change or command Infa - Displays information about a command, parameter, or function in any display Hand/OH/Auta - Used to control drive locally or put drive in remote mode Reset - Used to reset Warnings or Alarms
Maintained Start orfter signal applied for Minimum of 2ms	Password	2 Level Possword Protection
Reversing Start Reverse	Alternote Motor Parameters	Up to 4 Separate complete parameter set-ups are available
	Graphical Trending	Trend - Speed, Power, or Frequency
Jog	RS485 Modbus RTU Ser	iol Communications
Hold Reference Speed Up, activated by Hold Drive Frequency or Hold Reference Slow Down, activated by Hold Drive Frequency or Hold Reference Drive Parameter Setup Select 1-4 Precise Start or Stop, Activated when drive parameter precise start or stop function is selected Catch Up or Slow Down, Activated by signal to add to br subtract from input reference to control speed Puise Input selectable from 100 - 110000Hz Accel / Decel Time select Set Input to Accel / Decel Times 1 to 4 Digital Potentiometer Input Increase or Decrease	Prostal Level: Transmission distance: Node Address: Transmission Speed: Transmission Protocol: Character Code: Character Length: Error Check: Mounting Clearance	EI//RS485 1640 ft (500m) 32 2400, 4800, 9600, 19200, 38400, or 115200 (bits/s) Half Duplex Modbus RTU Briany 8 Bits CRC All AF-650GP ^m drives can be mounted Side-by-Side without spacing. For oll drives rated 125HP or below allow 3 4 inches (100mm) free space above and below Far oll drives rated 125HP on dove allow 8 9 inches
	Digital Input Programmable for Start/Stap, Farward/Reverse, Jog Timer operation. Stop after predetermined time frame Communications: RS-485 Modbus RTU, Metasys N2, and Apagee FLN P1 USB Port for programming drive with optional PC Software Left or Right Arrow buttons on keypad in Manual Mode Speed Potentiameter D to +10 Vdc, 10 to 0 Vdc 0-10Vdc analog input Up to 3 Input References can be selected from Analog Input #1 or #2, Frequency Input #1 or #2, Network, or Potentiameter No Operation Reset after drive trip or alarm Orize at stop with no holding current Quick Stop according to Quick Stop Decel Time 1 Stop on input going Iow Stort Moliformed Stort arfter signal applied for Minamum of 2ms Reversing Start Reverse Enable Start Forward only Enable Start Reverse only Jog Multi-Step Frequency selection I1 to B Stepsi Hold Reference Speed Up, activated by Hold Drive Frequency or Hold Reference Stow Down, activated by Hold Drive Frequency ar Hold Reference Stow Down, activated by Hold Drive Frequency or Hold Reference Start or Stop, Activated when drive parameter precise start or stop, Activated when drive parameter precise start or stop function is selected Catch Up or Slow Down, Activated by signal to dd to the subtract from input reference to control speed Puble Input select Set Input to Accel / Decel Time select Set Input to Accel / Decel Time select Set Input to Accel / Decel Time select Set Input to	Keypad operation. Hand, Off, Auto Keypad Features Digital Input. Programmable for Start/Stop. Forward/Reverse, Jog Forward/Reverse, Jog and Apogee FLN P1 USB Port for programming drive with optional PC Software Keypad Keys Left or Right Arrow buttons on keypad in Manual Mode Speed Potentiometer 0 to +10 Vdc. 10 to 0 Vdc O-10Vdc analog input O/A-20ma analog input Up to 3 Input References can be selected from Analog Keypad Keys Input #1 or #2, Frequency Input #1 or #2, Network, or Potenbometer Reversing No Operation Reset after drive trip or alarm Orive at stop with no holding current Quick Stop according to Quick Stop Decel Time 1 Stop on input going low Start Start Reverse Broble Start Reverse only Jog Multi-Step Frequency Hold Reference Stow Down, activated by Hold Drive Frequency or Hold Reference Stow Down, activated by Hold Drive Frequency or Hold Reference Stop function is selected Drive Parameter Setup Select 1-4 Transmission Speed: Transmission Protocol: Character Leagth: Error Check: Slow Down, activated by Sign1 to add to ar subract from input reference to control speed Transmission Protocol: Drive Paramete



IP 20 - 230 Vac, 3-Phase, 50/60Hz Input IP 55/66 - 230 Vac, 3-Phase, 50/60Hz Input

Number Main Control Car 6KAF61151 Keypod KYPDACGP1 6KAF61007 6KAF61008	List Price	Description	Unit Size	Rating									er Orive				
6KAF61151 Keypod KYPDACGP1 6KAF61007 6KAF61008	GO-SRP				1	2	3	_ 5	7.5	10	15	20	25	30	40	50	60
Keypod KYPDACGP1 6KAF61007 6KAF61008																	
KYPDACGP1 6KAF61007 6KAF61008	\$950.00	Control Card	-	2.	1	1	1	1	1	1	1	1	1	1	1	1	1
6KAF61007 6KAF61008					-									_			-
6KAF61008	\$500.00	Replacement Graphical Keypod		- 12	1	1	1	1	1	1	1	1	1	1	1	1	1
	\$45.00	Frame w/o option A or B	12/13/23		1	1	1	1	1	1	1		8	-			- 1
ELLA FRANKA	\$60.00	Frame w option A or B	12/13/23	-	1	1	1	1	1	1	1				-	-	
6KAF60284	\$75.00	Frome	24/33/34				_		1.20			1	1	1	1	1	1
6KAF63414	\$40.00	Frame	15/21/22/31/32		1	1	1	1	1	1	1	1	1	1	1	1	1
6KAF61011 6KAF61012	\$40.00	Terminal cover w/o option A or 8	12/13	· · · · ·	1	1	1	1					_				
6KAF61411	\$65.00	Terminal cover w option A or B	12/13		1	1	1	1									
6KAF61410	\$95.00	Terminal cover w/o option A or B Terminal cover w option A or B	23				_		1	1	1			_			
	333.00	remninal cover w opdan A dr B	23	35			_		1	1	1						
Power Card	*****																
	\$3630.00	Power Cord	21						1		0.0						
	\$3830.00	Power Cord	21							1						12	
	\$4285.00	Power Cord	21					-	_		1				-		
	\$4835.00	Power Card	22			_		_	_			1					
	\$1550.00	Power Card	31					_					1	200			
	\$1550.00	Power Cord	31	+		_				_		_		1			
	\$1550.00	Power Card	31					_							1		
	\$1735.00	Power Cord	32						_		_					1	
	\$1735.00	Power Card	32	14			1	_	-			-					1
	\$3830.00	Power Card	23						1	_	-						-
	\$3630.00 \$4285.00	Power Card	23							1	_						
		Power Cord	23			1	_				1	_					
	\$4835.00	Power Cord	24			_	_	-		-	-	1					
	\$5020.00 \$1825.00	Power Card	24		_	_		_				-	1			-	
		Power Card	33	±	· · · · · · · · · · · · · · · · · · ·			_						1			
	\$1825.00	Power Card	33			_	_				- 335-				1		
	\$1920.00	Power Cord	34									_				1	
	\$1920.00	Power Cord	34	-								-					1
	\$2010.00	Switch Mode Power Supply	22									1					
verter IGBTs								_				_					_
	\$1510.00	Ouol IG8T Module	31/33	150A									3	3			
	\$1895.00	Dual IGBT Module	31/33	200A						-				1	3		
6KAF61886	\$2600.00	Dual IGBT Module	32/34	300A												3	3
roke IG8T							-				_		_			<u> </u>	
6KAF61884 1	\$1510.00	Dual IGBT Module	31/33	150A													
	\$2105.00	Dual IGBT Module	32/34	200A				-				_	1	1	1		
	\$2595.00	Dual IGBT Module	32/34	300A	-	_	-		_		_		_	-		1	
ectifiers	_																1
6KAF61887	1100.00	and the second se											_				
	\$820.00 \$1130.00	Thyristor Module	31/33	180A	111-	_		-	_	_	115.11		3	3	3		1.1
	11110.00	Thyristor Module	32/34	240A		_										3	3
FI Filters		30 25															-
	\$680.00	RFI Filter [closs A2]	21					_	1	1	1						
	\$685.00	RFI Filter (closs A2)	22		_							1					
6KAF63427	\$40.00	RFI Filter (class A2)	31	-			_					2.52	1	1	1		
	1235.00	RFI Filter (closs A1/8)	21				-		1	1	1	_		-			
	1495.00	RFI Filter Iclass A1/BI	22		_		-		-	_		1					
	4265.00	RFI Filter (closs A1/8)	31		_		_	-					1	1	1		
	4750.00	RFI Filter (closs A1/B)	32										1111			1	1
	1325.00	RFI Filter (closs A1/8)	23		111	-	_	_	1	1	1						
the second se	1535.00	AFI Filter (closs A1/8)	24				-	_	- 11	1.1	-	1	1				
	2565.00	RFI Filter (closs A1/B)	33		-	-	_	1.1			11.0			1	1		
	3185.00	RFI Filter (class A1/B)	34													1	1
irrent Transduce										_					_		
	1580.00	Current Transducer Cord	31/33										1	1	1		
	1580.00	Current Transducer Cord	32/34	-								-	-	-		1	1
6KAF61895 \$							_		_			-		_	_	-	*
6KAF61895 \$	\$910.00	DC Copecitors	31	3700uF													
Unk	1050.00	OC Capacitors	31	4500uF					_		-	-	5	-		-	
Link 6KAF65160	1275.00	DC Copacitors	31	\$300uF			-		-		-	_	_	5	-		_
Unk 6KAF65160 6KAF65159 \$			32	3700uF							-	-			5	-	_
Unk 6KAF65160 6KAF65159 \$ 6KAF65158 \$ 6KAF65157	\$825.00	DC Capacitors			-		-	-						_	_	2	
Cink 6KAF65160 6KAF65159 \$ 6KAF65158 \$ 6KAF65157	\$825.00 1030.00	DC Capacitors DC Capacitors	32	4500uF		_	_										
Clink 6KAF65160 6KAF65159 \$ 6KAF65158 \$ 6KAF65157 6KAF65156 \$		DC Copecitors	32 33/34	4500uF 4500uF										2	-		2
C Link 6KAF65160 6KAF65159 \$ 6KAF65158 \$ 6KAF65157 6KAF65156 \$ 6KAF61423 \$	1030.00	DC Copacitors DC Copacitors	33/34	4500uF				-	1	1			_	2	2	z	2
Clink 6KAF65150 6KAF65159 6KAF65158 6KAF65155 6KAF65156 6KAF651423 8KAF61060 \$	1030.00 1440.00 1200.00	DC Capacitors DC Capacitors DC Link Reactors	33/34 21	4500uF 780mH				_	1	1	1			2	2	s	
Link 6KAF65160 6KAF65159 \$ 6KAF65158 \$ 6KAF65156 \$ 6KAF61423 \$ 6KAF61060 \$ 6KAF61062 \$	1030.00 1440.00 1200.00 1260.00	DC Capacitors DC Capacitors DC Link Reactors DC Link Reactors	33/34 21 22	4500uF 780mH 490mH				_	1	1	1			2	2	S	
Link 6KAF65150 6KAF65159 8KAF65158 8KAF65156 8KAF61423 8KAF61060 8KAF61062 8KAF61062 8KAF61063	1030.00 1440.00 1200.00 1260.00 1385.00	DC Capacitors DC Capacitors DC Link Reactors DC Link Reactors DC Link Reactors	33/34 21 22 22	4500uF 780mH 490mH 410mH					1	1	1	1		2	2	2	
Link 6KAF65150 6KAF65159 6KAF65158 6KAF65156 6KAF65156 6KAF61060 \$ 6KAF61062 \$ 6KAF61063 \$ 6KAF61063 \$	1030.00 1440.00 1200.00 1260.00 1385.00 2205.00	DC Capacitors DC Capacitors DC Link Reactors DC Link Reactors DC Link Reactors DC Link Reactors	33/34 21 22 22 22 31	4500uF 780mH 490mH 410mH 300mH					1	1	1	1	1		2	2	
Link GKAF65150 GKAF65159 GKAF65158 GKAF65157 GKAF65156 SKAF61063 SKAF61063 SKAF61063 SKAF61063 SKAF61035 SKAF6105 SKAF615 SKAF615	1030.00 1440.00 1200.00 1260.00 1385.00 2205.00 2630.00	DC Capacitors DC Capacitors OC Link Reactors DC Link Reactors DC Link Reactors DC Link Reactors DC Link Reactors	33/34 21 22 22 31 31	4500uF 780mH 490mH 410mH 300mH 260mH					1	1	1	1	1	2		2	
Link GKAF65150 GKAF65159 GKAF65158 GKAF65156 GKAF6123 GKAF61062 SKAF61063 SKAF61063 SKAF61063 SKAF61035 SKAF61035 SKAF61035 SKAF61035 SKAF61037 SKAF61	1030.00 1440.00 1200.00 1260.00 1385.00 2205.00 2630.00 2960.00	DC Capacitors DC Capacitors DC Link Reactors DC Link Reactors DC Link Reactors DC Link Reactors DC Link Reactors DC Link Reactors	33/34 21 22 22 31 31 31	4500uF 780mH 490mH 410mH 300mH 260mH 200mH					1	1	1	1	1		2		
Link GKAF65150 GKAF65159 \$ GKAF65158 \$ GKAF65156 \$ GKAF6156 \$ GKAF61060 \$ GKAF61062 \$ GKAF61063 \$ GKAF61035 \$ GKAF61037 \$ GKAF61038 \$	1030.00 1440.00 1200.00 1260.00 1385.00 2205.00 2630.00 2960.00 3535.00	DC Capacitors DC Capacitors DC Link Reactors DC Link Reactors	33/34 21 22 22 31 31 31 31 32	4500uF 780mH 490mH 410mH 300mH 260mH 200mH 170mH					1	1	1	1	1			2	2
Link GKAF65150 GKAF65159 \$ GKAF65158 \$ GKAF65157 GKAF65157 GKAF61062 \$ GKAF61063 \$ GKAF61063 \$ GKAF61035 \$ GKAF61035 \$ GKAF61036 \$ GKAF61038 \$ GKAF61038 \$ GKAF61039 \$	1030.00 1440.00 1200.00 1260.00 1385.00 2205.00 2630.00 2960.00	DC Capacitors DC Capacitors DC Link Reactors DC Link Reactors DC Link Reactors DC Link Reactors DC Link Reactors DC Link Reactors	33/34 21 22 22 31 31 31	4500uF 780mH 490mH 410mH 300mH 260mH 200mH					1	1	1	1	1				



Rev. 8/15 Prices and data subject to change without notice

IP 20 - 230 Vac, 3-Phase, 50/60Hz Input (continued)

IP 55/66 - 230 Vac, 3-Phase, 50/60Hz Input (continued)

Product Number	List Price	Description	Unit Size	Rating					Drive	Hp on	d Quan	itity Pe	r Drive	1			
HUITIDET	GO-SRP				1	2	3	5	7.5	10		20	25	30	40	50	60
Fans																	
6KAF61009	\$160.00	Fan Assembly	17			1											
6KAF61010	\$160.00	Fon Assembly	13		t	-	1					-	_		_		_
6KAF61017	\$295.00	Fon Assembly	15		1			1									
6KAF63563	\$270.00	External Fan (IP20)	23	12W	1			1		-							
6KAF63699	\$250.00	External Fan (IP20)	24	12W					1	1	1_						
6KAF64292	\$250.00	External Foo (IP20)	33	12W								1					
6KAF64294	\$355.00	External Fan (P20)	34	18W									2	2	2		
6KAF63407	\$455.00	External Fan (IPSS)	21	22W												2	2
6KAF63406	\$640.00	External Faa (IPSS)	22	22W					1	_1	1						
6KAF63865	\$645.00	External Fan (IPS5)	31	26W								1					
6KAF63B67	\$1235.00	External Fan ((PSS)	32	22W									1	1	1		
6KAF63440	\$100.00	Internal Fan	21/23	5 BW												1	1
6KAF63441	\$100.00	Internal Fan	22/24	5 8W					1	1	_1						
6KAF63923	\$110.00	Internal Fan	31/32/33/34	58W								1	1				
				2.044		_							1	1	1	1	1
ccessory Bags																	_
6KAF61022	\$275.00	Connectors Accessory Bag	12/13	-	1	1	1	1									
6KAF61023	\$240.00	Connectors Accessory Bag	15	-	1	1	1	1									
6KAF62060	\$120.00	Connectors Accessory Bag	21	-					1	1	1			-			
6KAF62061	\$125.00	Connectors Accessory Bog	22	-								1					
6KAF60980	\$140.00	Connectors Accessory Bag	23	*					1	1	1						
6KAF61300	\$270.00	Connectors Accessory Bog	24								_:_	1	1				
6KAF60046	\$200.00	Connectors Accessory Bog	31										1	1	1		
6KAF60047	\$210.00	Connectors Accessory Bag	32	-													
6KAF60981	\$225.00	Connectors Accessory Bag	33	-										1	1	_1	_ <u>+</u> _
6KAF60982	\$270.00	Connectors Accessory Bag	34												1		
6KAF60983	\$270.00	Connectors Accessory Bog	34														
6KAF60633	\$55.00	Brake and Load Sharing	12/13/15		1	1	1	1									_1
		Connectors Bog			*	-	•	-									

IP 20 - 460 Vac, 3-Phase, 50/60Hz Input

IP 55/66 - 460 Vac, 3-Phase, 50/60Hz Input

Product Number	List Price GO-5RP	Description	Unit Size	Rating						0	rive H	p and	Quant	ity Pe	r Drivi					
rumper	GU-SKP				1	2	3	5	7.5	10	15	20			40	50	60	75	100	12:
Main Control (Card																			
6KAF61151	\$950.00	Control Card		÷.,	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Keypad					_		_		_		_					-			-	
KYPDACGP1	\$500.00	Replacement Graphical Keypod				1	1	1	1	1		,								
6KAF61007	\$45.00	Frome w/o option A or B	12/13/23		1	1	1	- <u>†</u> -		1	1	1		1	_1	1	_1_	_1_		1_
6KAF61008	\$60.00	Frame w option A or B	12/13/23		1	1	1	1	1	1	- 1	1	1	-	_	_		-	_	_
6KAF60284	\$75.00	Frame	24/33/34		-			*	-	1	1	1	1				-		_	_
6KAF63414	\$40.00	Frome	15/21/22/31/32		1		1		1	1			-	1	1	1	1	1	1	1
6KAF61011	\$40.00	Terminal cover w/a option A or B	12/13		1	1	1	1	1		1	1	1	1	1	1	1	1	1	1
6KAF61012	\$40.00	Terminol cover w option A or B	12/13		1	1	1	1	1	1	_					_	_	_	-	
6KAF61411	\$65.00	Terminal cover	23				1	-	-	1			-		_		_	_		_
6KAF61410	\$95.00	Terminal cover	23		-			-	-		1	1	1	-		1	-	_		
Power Card	_			1.14		_		_			•		<u> </u>						_	
6KAF61820	\$3630.00	Power Card	21																	
6KAF61821	\$3830.00	Power Cord	21		-	-	_				1				_	_				
6KAF61822	\$4285.00	Power Card	21				_		-	-		1	_		_	_	_		_	
6KAF61823	\$4360.00	Power Card	22				_	-				_	1	_	_	<u> </u>	_	_		
6KAF61825	\$4835.00	Power Card	22			_		-	-	_	-	_	_	1		_			_	
6KAF61827	\$1550.00	Power Cord	31			-				_		-	_		1	_	_			
6KAF61828	\$1550.00	Power Card	31				_				_		_		_	1	_	_		
6KAF61829	\$1550.00	Power Cord	31		_			-	-		_		_	_	_	_	1	_		
6KAF61830	\$1735.00	Power Card	32			_	-	-	_	_	_							1	_	
6KAF61831	\$1735.00	Power Cord	32			-		_		_		_		_					1	
6KAF61920	\$3830.00	Power Card	23		_	-		_	_	-	-	-			_		_			1
6KAF61921	\$3830.00	Power Card	23		_		-		_		1	_	_	_	_	_				
6KAF61922	\$4285.00	Power Card	23			_	_	1.1	_	-	_	1								
6KAF61924	\$4380.00	Power Cord	24								_		1	_						
6KAF61926	\$4835.00	Power Card	24		_		_	-	-	_		_		1	_		1.1	_	_	1
6KAF61927	\$5020.00	Power Cord	24			_	_	_	_	-	_		_		1	12				
6KAF61936	\$1825.00	Power Cord	33			-	_		_					_		1				
6KAF 61937	\$1825.00	Power Card				_	11.	_	_			_		_			1			
6KAF61938	\$1920.00	Power Card	33		-			_	_			-		_				1		
6KAF61939	\$1920.00	Power Cord	34						-		_		_						1	
6KAF 61824	\$2010.00	Switch Mode Power Supply	34		_	_					_	10				21 11				1
6KAF61826	\$2010.00		22		_	_						_		1		-				-
2.04 01020		Switch Mode Power Supply	22			-					-	1			1		-			



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IP 20 - 460 Vac, 3-Phase, 50/60Hz Input (continued)

IP 55/66 - 460 Vac, 3-Phase, 50/60Hz Input (continued)

Product Number	List Price GO-SRP	Description	Unit Size	Rating	Drive Hp and Quantity Per Drive
Inverter (G8Ts					
6KAF61884	\$1510.00	Dual IGBT Module	* • <i>/</i> * *		
6KAF61885	\$1895.00	Dual IGBT Module	31/33	150A	3 3
6KAF61886	\$2500.00	Dual IG8T Module	31/33	200A	3
Brake IGBT	36000.00	Dudi IGBI Module	32/34	300A	3 3
6KAF61884	\$1510.00	Dual IGBT Module			
6KAF61400	\$2105.00	Dual IGBT Module	31/33	150A	1 1 1
6KAF61886	\$2595.00		32/34	200A	1
Rectifiers	\$2393.00	Dual IG8T Module	32/34	300A	
		4415			
6KAF61887	\$820.00	Thyristor Module	31/33	180A	3 3 3
6KAF61888	\$1130.00	Thyristor Module	32/34	240A	33
RFI Filters					
6KAF63378	\$680.00	RFI Filter (class A2)	21	1 S 2	1 1 1
6KAF63381	\$685.00	RFI Filter closs A2	22		1 1
6KAF63427	\$40.00	RFI Filter (closs A2)	31		1 1 1
6KAF63377	\$1235.00	RFI Filter (class A1/B)	21	14	1 1 1
6KAF63380	\$1495.00	RFI Filter Iclass A1/B	22		1 1
6KAF63425	\$4265.00	RFI Filter (closs A1/B)	31		
6KAF63422	\$4750.00	RFI Filter (class A1/B)	32		1 1 1
6KAF61412	\$1325.00	RFI Filter (class A1/8)	23		1 1 1
6KAF61416	\$1535.00	RFI Filter (class A1/8)	24		1 1 1
6KAF61419	\$2565.00	RFI Filter (closs A1/B)	33		1 1 1
6KAF61420	\$3185.00	RFI Filter (class A1/8)	33		1 1
Current Transd		101111001 (CO35 A1/0)	34	28	1 1
6KAF51894	\$1310.00	Current Transitions Carl			
6KAF61894		Current Transducer Card	31/33		1 1 1
	\$1620.00	Current Transducer Card	32/34	-	1 1
DC Link					
6KAF65160	\$910.00	DC Capacitors	31/32	3700uF	2
6KAF65159	\$1050.00	DC Capacitors	31/32	4500uF	2
6KAF65158	\$1275.00	DC Coportors	31/32	5300uF	2
6KAF65157	\$825.00	DC Copecitors	31/32	3700uF	2
6KAF65156	\$1030.00	DC Copacitors	31/32	4500uF	
6KAF61421	\$1625.00	DC Copacitors	33/34	5300uF	2
6KAF61422	\$675.00	DC Copacitors	33/34	3700uF	2
6KAF61423	\$1440.00	DC Copacitors	33/34	4500uF	2
6KAF61060	\$1200.00	DC Link Reactors	21	780mH	2 2
6KAF61061	\$1260.00	DC Link Reactors			1 1
6KAF61062	\$1260.00	DC Link Reactors	21	580mH	1
6KAF61063	\$1385.00		22	490mH	1
6KAF61035		DC Link Reactors	22	410mH	1
	\$2205.00	DC Link Reactors	31	300mH	1
6KAF61036	\$2630.00	OC Link Reactors	31	260mH	1
6KAF61037	\$2960.00	DC Link Reactors	31	200mH	1
6KAF61038	\$3535.00	DC Link Reactors	32	170mH	1
6KAF61039	\$4090.00	DC Link Reactors	32	100mH	1
6KAF61954	\$2015.00	DC Link Assembly	24	-	1
6KAF61955	\$2500.00	DC Link Assembly	24	-	1 1
ons					
6KAF61009	\$160.00	Fan Assembly	12	-	1 1 1 1
6KAF61010	\$160.00	Fon Assembly	13	-	
6KAF61017	\$295.00	Fan Assembly	15	-	
6KAF63563	\$270.00	External Fan (IP20)	23	12W	1 1 1 1 1 1
6KAF63699	\$250.00	External Fan (IP20)			1 1 1
6KAF64292	\$250.00	External Fan (1920)	24	12W	1 1 1
6KAF64294	\$355.00	External Fan (IP20)	33	12W	5 5
6KAF63407	\$455.00		34	1BW	2 2
		External Fon (IPSS)	21	22W	1 1 1
6KAF63406	\$640.00	External Fan (IPSS)	22	Z2W	. 1 1
6KAF63865	\$645.00	External Fan (1955)	31	26W	1 1 1
6KAF63867	\$1235.00	External Fan (1955)	32	22W	1 1
6KAF63440	\$100.00	Internal Fan	21/23	5 8W	1 1 1
6KAF63441	\$100.00	Internal Fon	22/24	SBW	
6KAF63923	\$110.00	Internal Fan	31/32/33/34	5 8W	
cessory Bogs					
6KAF61022	\$275.00	Connectors Accessory Bog	12/13		1 1 1 1 1
6KAF61023	\$240.00	Connectors Accessory Bag	15		
6KAF62060	\$120.00	Connectors Accessory Bag	21		
6KAF62061	\$125.00	Connectors Accessory Bag			1 1 1
6KAF60980	\$140.00		22	-	1 1
6KAF61300		Connectors Accessory Bag	23		1 1 1
6KAF60046	\$270.00	Connectors Accessory Bag	24		1 1 1
	\$200.00	Connectors Accessory Bag	31		1 1 1
6KAF60047	\$210.00	Connectors Accessory Bag	32		11
6KAF60981	\$225.00	Connectors Accessory Bog	33		1 1
6KAF60982	\$270.00	Connectors Accessory Bog	34		
6KAF60983	\$270.00	Connectors Accessory Bag	34	-	
6KAF60633	\$\$5.00	Brake and Lood Shanna	12/13/15		1 1 1 1 1 1 1
01041-00030					



Rev. 8/15 Prices and data subject to change without notice

IP 20 - 575 Vac, 3-Phase, 50/60Hz Input

IP 55/66 - 575 Vac, 3-Phase, 50/60Hz Input

Product	List Price	Description	Unit Size	Rating	_					0	rive ł	lp on	d Qua	Intity	Per	Driv						
Number	GO-SRP				1	2	3	5	7.5	10	15	20			0	40	50	60		75	100	12
Main Control G	ord																					
6KAF61151	\$950.00	Control Cord		2	1	1	1	1	1	1	1	1	1		1	1	1	,		1		
Keypad								*	1		4	1	1		•	4	1	1		1	1	1
KYPDACGP1	\$500.00	Replacement Graphical Keypod																				
6KAF61007	\$45.00	Frame w/o option A or B	12/13/23		1	1	_1	_1		1	_1_		1		1	_1_	1	1		1	1	1
6KAF61008	\$60.00	Frame w option A or B	12/13/23			_1	1	1	_1	1	1	1	1		_							
6KAF60284	\$75.00	Frame	The second		1	1_	_1	1	1	1	1_	1	1									
6KAF63414	\$40.00	Frame	24/33/34												۱ <u> </u>	1	_1	1		1	1	1
6KAF61011	\$40.00		15/21/22/31/32	*	1	1		_1_	1	_1_	_1	1	1		L	1	1	1		1	1	1
6KAF61012	\$40.00	Terminal cover w/o option A or B	12/13		1	1	1	1	1	_1												
6KAF61411		Terminal cover w option A or B	12/13	-	1	_1	1	_1	_ 1	. 1												
6KAF61410	\$65.00	Terminal cover	23	-					_		1	1	1									
	\$33.00	Terminal cover	23	-							1	1	1									
Power Card								_							-				-			
6KAF61857	\$5020.00	Power Cord	21								1											
6KAF61858	\$5020.00	Power Cord	21								-	1		_		-			_	-		_
6KAF61859	\$5020.00	Power Card	21										1			-	1.7		-	-		_
6KAF61935	\$5200.00	Power Card	22										-	1					-	_		
6KAF61940	\$5200.00	Power Card	22							1					-	1	-	_				
6KAF61928	\$1735.00	Power Cord	31								-	_			_	-	1	-	-		-	-
6KAF61929	\$1735.00	Power Cord	31												-		4	1	-	-		_
6KAF61930	\$1735.00	Power Cord	31			-	-			-	-	-		_	-			-		1		_
6KAF61931	\$1920.00	Power Card	32					-		-			-		-	-		-	-	•	1	-
6KAF61932	\$1920.00	Power Card	32		1				-	111	_	-			_	-		-	_		4	
6KAF61960	\$4925.00	Power Card	23				_							-	_	-						1
6KAF61961	\$2925.00	Power Card	53								1		-			-		_	_		-	
6KAF61962	\$5110.00	Power Card	23		1.1.1		-	_				1			_	-			-	-		_
6KAF61963	\$5200.00	Power Card	23								-		1		-		_			-	-	_
6KAF51964	\$5300.00	Power Cord	24		-		-	-			-			1	-				_	_	-	-
6KAF61965	\$5390.00	Power Cord	24								_					1						_
6KAF61966	\$1825.00	Power Cord				-	_	_				_	_		2.1	-	1					
6KAF61967	\$1625.00		33	-	_		_	_	_	_	_	_						1				
6KAF61968		Power Card	33			_	_						_						1	1		1.1
	\$1920.00	Power Card	34		_		_		_												1	
6KAF61969	\$1920.00	Power Card	34	-																		1
6KAF61875	\$2085.00	Switch Mode Power Supply	22											1								
6KAF61876	\$2085.00	Switch Mode Power Supply	22													1						
nverter IGBTs										_								_	_			_
6KAF61403	\$1475.00	Dual IGBT Module	31/33	100A													3	3				
6KAF61409	\$1745.00	Dual IGST Module	31/33	150A														J	3	-		
6KAF61404	\$2400.00	Dual IGBT Module	32/34	200A																		
6KAF61432	\$3950.00	Dual IGBT Module	32/34	300A										-	-						3	
Irake IGBT					_									_								3
6KAF61403	\$1475.00	Duol IG8T Module	** /**																			
6KAF61404	\$2400.00		31/33	100A		_												1	1			_
	32400.00	Duci IGBT Module	31/33	200A																	1	1
lectifiers									-						_	_					_	
6KAF61429	\$1165.00	Thyristor Module	31/33	115A													3	3	3			
6KAF61430	\$1920.00	Thyristor Module	32/34	220A		-					_		-				~	3	-	-	3	3
FI Filters					_														_		-	~
6KAF63378	\$680.00	RFI Filter (closs A2)	21																			
6KAF63381	\$685.00	RFI Filter (class Az)	21				-				1	1	1		_			_	_		_	
6KAF63427	\$40.00	RFI Filter (class A2)	22					_		_	1020	1.4	-	1	_	1	_	in a la	-			-
6KAF63377	\$1235.00		31	-		_						-02-	_		_	_	1	1	1	1.1	_	
6KAF63380	\$1495.00	RFI Filter (closs A1/B)	21			_	-	_		-	1	1	1		_				_			
6KAF63425		RFI Filter (class A1/8)	22	+		_		_	_					1		1		-				
6KAF63422	\$4265.00	RFI Filter (closs A1/8)	31	-	_	1.1		_	_			_			_	1	1	1	1			
6KAF61412	\$4750.00	RFI Filter Iclass A1/BI	32		-	_						_	-	_	-				-		1	1
	\$1325.00	RFI Filter Icloss A1/BI	23		-		-	-		1.1	1	1	1			_	13.5					
6KAF61416	\$1535.00	RFI Filter (closs A1/B)	24		-	_		_				-	-	1	_	1	1					
6KAF61419	\$2575.00	RFI Filter (closs A1/8)	33		100									_		1.1		1	1			
6KAF61420	\$3185.00	RFI Filter (closs A1/B)	34															-			1	1
urrent Transdu	cers						_			_								_				_
6KAF61898	\$1625.00	Current Transducer Card	31/33	121																		
6KAF61899	\$1640.00	Current Transducer Cord	32/34			-		-		_	-				-	-	*	1	- 1			-
C Link																_					1	1
	\$860.00	00 0		1000																		
6KAF61424	\$860.00	DC Copecitors	31/33	4500uF		_	_						_					Z	2	-		
	\$1360.00	DC Capacitors	32/34	2700uF		_						_									2	2
	\$1200.00	DC Link Reactors	21	780mH			1.0					1							-	-		
	\$1260.00	DC Link Reactors	21	580mH			12						1						-			
	\$1260.00	DC Link Reactors	22	490mH									-	1	-	_		_	-	-	_	
	\$1385.00	DC Link Reactors	22	410mH					-		-					1	1		-	-	-	
	\$2210.00	OC Link Reactors	31	300mH	-	-				_				_	-	•	1			-	-	_
6KAF61036	\$2630.00	OC Link Reactors	31	260mH			11		-			_			-	-		1		-		
	\$2500.00	OC Link Reactors	31	200mH			-								-	-	-	1			-	
	\$3535.00	DC Link Reactors	32	170mH		-	-				-				_		_		1	-		_
	\$4100.00	DC Link Reactors	32	100mH		-		-		-				-		_			-	_	1	
6KAF61039																						
	\$2325.00	DC Link Assembly	24						-					1		1	1		-	-		-





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IP 20 - 575 Vac, 3-Phase, 50/60Hz Input (continued)

IP 55/66 - 575 Vac, 3-Phase, 50/60Hz Input (continued)

Product	List Price	Description	Unit Size	Rating						D	rive H	o ond	Ovent	ity Pe	r Drive					
Number	GO-5RP				1	2	3	5	7.5		15	20	25	30		50	60	75	100	125
Fons																				
6KAF61010	\$160.00	Fan Assembly	13																	
6KAF61017	\$295.00	Fan Assembly			1	1_	_1	_1_	1	1										
6KAF63563	\$270.00	External Fan (IP20)	15	-	1	_1	1	1	1	_1			_							
6KAF63699	\$250.00	External Fan (IP20)	23	12W							1	_ 1	_1							
6KAF64292	\$250.00		24	12W										1	1	1				
6KAF64294	\$355.00	External Fan (1920)	33	12W													S	5		
6KAF63407		External Fan (IP20)		18W															2	2
	\$455.00	External Fan (1955)	21	22W							1	1	1							
6KAF63406	\$640.00	External Fan (IPS5)	22	22W										1	1					
6KAF63865	\$645.00	External Fan (IPSS)	31	26W												1	1	1		
6KAF63867	\$1235.00	External Fan (IPSS)	32	22W															1	1
6KAF63440	\$105.00	Internal Fan	21/23	5 8W							1	1	1							-*
6KAF63441	\$105.00	Internal Fan	22/24	5 8W										1	1	1				
6KAF63923	\$110.00	Internal Fan	31/32/33/34	S BW												1	1	1	1	1
Accessory Bag	5						_					_			_	-	_	-	-	-
6KAF61022	\$275.00	Connectors Accessory Bog	12/13	-	1	1	1	1	1	1										
6KAF61023	\$240.00	Connectors Accessory Bog	15		1	1	1	1	1	1									_	
5KAF62060	\$120.00	Connectors Accessory Bag	51	-			-*	_*	- *		1	4								
6KAF62061	\$125.00	Connectors Accessory Bog	22			_						- A	1							
6KAF609B0	\$140.00	Connectors Accessory Bog	23	-							1			_ #						
6KAF61300	\$270.00	Connectors Accessory Bog	24									4	1							
6KAF60046	\$200.00	Connectors Accessory Bag	31											_1	1	_1				
6KAF60047	\$210.00	Connectors Accessory Bag	32													1	1	_1		
6KAF60981	\$225.00	Connectors Accessory Bag	33																1	_1
6KAF60982	\$270.00	Connectors Accessory Bog	34														1.	1		
6KAF60983	\$270.00	Connectors Accessory Bog	34																. 1	
6KAF60633	\$55.00	Broke and Load Sharing	12/13/15																	_ 1
		Connectors Bog	10113133	-	1	1	1	1	1	1										

High Power

IP 00 - 460 Vac, 3-Phase, 50/60Hz Input

IP 21/54 - 460 Vac, 3-Phase, 50/60Hz Input

Product	List Price	Description	Unit Size	Rating						D	rive H ₂	and	Ouonti	ty Per	Drive				
Number	GO-SRP				150	200	250	300	350	450				650		900	1000	1200	1350
Main Control Cord																			
6KAF61109	\$950.00	Control Cord		•	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Keypad			_	_	-							-		_		-			
KYPDACGP1	\$500.00	Replacement Graphical Keypad	-		1	1	1	1	1	1	1	1	1		1				
6KAF63414	\$40.00	frome			1	1	1	1	1	1	1	1		1	<u>*</u>	1	1		
Power Cord								_			_	•		-		-	•	<u> </u>	•
6KAF6H8652	\$2100.00	PCA3 - Power card			1														
6KAF6HB653	\$2100.00	PCA3 - Power Card			*	1	-	-			_	_			-	_			
6KAF6H8654	\$2100.00	PCA3 - Power Card					1		-					-	-	_	-	_	_
6KAF6H86SS	\$2100.00	PCA3 - Power Card					1	1			-							-	_
6KAF6H8656	\$2100.00	PCA3 - Power Cord					-	-	1		-					-	-	_	
6KAF6H8657	\$2100.00	PCA3 - Power Card		_					-							_	_		_
6KAF6H8658	\$2100.00	PCA3 - Power Card			-					-	1	_			_		_	_	
6KAF6H8659	\$2100.00	PCA3 - Power Cord			-			_					-		-		_		
6KAF6H8660	\$2100.00	PCA3 - Power Cord					-	-				1						_	
6KAF6H8774	\$2625.00	Power Card -				-	-	-	1	-			1					_	_
6KAF6HB775	\$2625.00	Power Card										-					-	+	
6KAF6HB776	\$2625.00	Power Cord			-				-	_				-	3		-		
6KAF6H8777	\$2625.00	Power Card			-	-	-	-	-		_			_	-	3	-		
6KAF6H8778	\$2625.00	Power Card					_	-		-					_		3		_
6KAF6H8779	\$2625.00	Power Cord					-								-		-	4	
6KAF6H8308	\$95.00	PCA4 - Current Scoling PCA, 4 S4 Ohm			1		-		-						_	_	_		4
6KAF6H8309	\$95.00	PCA4 - Current Scaling PCA, 3 79 Ohm				1		-					-			_	_		
6KAF6H8310	\$100.00	PCA4 - Current Scaling PCA, 3 10 Ohm				-	1	-	_	_			_						-
6KAF6H8311	\$95.00	PCA4 - Current Scoling PCA, 2 56 Ohm					-	1			1	1		-	-	2	_		
6KAF6H8312	\$100.00	PCA4 - Current Scaling PCA, 5 10 Ohm					-	-	1		-				-	6			3
6KAF6H85S4	\$100.00	PCA4 - Current Scaling PCA, 4 21 Ohm			1.1.1				*	1	-	_		2	2			-	
6KAF6H8627	\$135.00	PCA4 - Current Scaling PCA, 2 32 Ohm			-	-				-	-		1	-	6		-	3	
6KAF6H8773	\$1840.00	MDCIC board, CC										-	4	1	1	1	2		
6KAF6H8626	\$1640.00	PCA5 - Gote Drive PCA, CC			1	1	1	1	1	1				-	1	1	1	1	1
6KAF6H8307	\$215.00	PCAB - HF PCA			1	1	1	1	1	1	- 1	1	1	-			-		-
6KAF6H8306	\$1535.00	PCA11 - Softcharge PCA, CC			1	1	1	1	1	4		3	1					_	_
6KAF6H8555	\$1540.00	PCA11 - Softchorge PCA, CC			-	*			-	1	1	1	1		_				
6KAF6H8510	\$240.00	PCA9 - Bolonce PCA			1	1	1	2	2	2	2	2	1 2	-			-		



Rev. 8/15 Prices and data subject to change without notice

Section 15

IP 00 - 460 Vac, 3-Phase, 50/60Hz Input (continued)

IP 21/54 - 460 Vac, 3-Phase, 50/60Hz Input (continued)

Product Number	List Price	Description	Unit Size	Rating			12				Drive H								
	00-589				150	200	250	300	350	450	500	550	600	650	750	900	1000	1200	1350
Inverter (GBTs																			
6KAF6H8628	\$5700.00				1		2	2											
6KAF6H8629	\$7630.00	the second second second			_	1			S			1.1				-			
6KAF6H8630	\$ 5740.00				1.1.1					3								1000	
6KAF6H8631	\$7790.00				_						3	3	3			-			
6KAF6H8323	\$105.00				3	3	6	6	6	9	9	9	9				_		
		CAP IGBT Snubber, 1000V, 1 SuF		10.00			-												
6KAF6H8743	\$107800.00				_							_		5		1.5			-
6KAF6H8744	\$127300.00														2			1000	-
5KAF6H8745	\$144000.00								14	_						z			
6KAF6H8746	\$171250.00				_			_									2		12-
6KAF6H8747	\$127300.00				_	_												3	
6KAF6H8748	\$144000.00	Inverter Module																	3
Brake IGBT				_		-	-	_	-	_	_	_		-		_		_	
6KAF6H8316	\$3370.00	IGBT 4.5 - Broke IGBT krt	-		1	1	S	z	S	2	S	2	2						
Rectifiers						-		~			6	6	<u> </u>			_			
6KAF6H8317	\$1400.00	5CR 1. 2, 3 - SCR/Diode kit, 160A																	
5KAF6H8318	\$1435.00			_	3	3			_						<u> </u>	_	_		
6KAF6H8319	\$2275.00	SCR 1. 2, 3 - SCR/Diode kit, 175A SCR 1. 2, 3 - SCR/Diode kit, 250A			_		3	-		-								_	
6KAF6H8320	\$2460.00	SCR 1. 2. 3 - SCR/Diode kit, 250A					_	3	-						20 J. 1	_		-	
6KAF6H8558	\$2620.00	SCR 1, 2, 3 - SCR kit, SOCA					-	_	3	_		-	_	-	-			-	
6KAF6H8559	\$2340.00	0 1, 2, 3 - Diode kit, 600A			_	_	_	-	_	3	3	3	3	-		_		11	
6KAF6H8712	\$101810.00	Rectifier Module			_	_	-	_		3	3	3	3		_		_		_
6KAF6H8713	\$101810.00	Recufier Module	-		_	-	-			_		- 10		1		_	_	_	
6KAF6H8714	\$137000.00	Recufier Module			-	-		_					-		1		_	_	
6KAF6H8715	\$137000.00	Recufier Module							_	_				_		1	_		
6KAF6H8716	\$185000.00	Rectifier Module				-			_	-		_				_	1	_	-
6KAF6H8717	\$185000.00	Recufier Module		_	-				_			_	_	-	_	-		1	_
																			1
Current Transdue																			
6KAF6H8342	\$525.00	L 2.3.4 - Current Sensor, 300A		-	3	3	3	3											
6KAF6H8343	\$755.00	L 2.3.4 - Current Sensor, 500A				_			3	3									
6KAF6H8563	\$1925.00	L 2.3.4 - Current Sensor, 1000A									3	3	3						
DC Link							_		_		_			-					
6KAF6H8324	\$4570.00	CBANK 1, 2 - CAP Bonk, 4 Cop	-		1			2	1										
6KAF6H8325	\$6115.00	CBANK 1. 2 - CAP Bonk, 6 Cap	-		-	1	1	6	1	-		-		_	-	-	_	_	_
6KAF6H8636	\$8410.00	CBANK 1, 2 - CAP Bonk, 6 Cop					•		*	2	1		-				_		_
5KAF6HB637	\$9570.00	CBANK 1, 2 - CAP Bonk, 8 Cop			1						1	2	2		-	_	-		
6KAF6H8337	\$3185.00	L1 - Bus Inductor, 200uH	-		1			-		-		£	6		_				
6KAF6H8338	\$3380.00	L1 - Bus Inductor, 157uH	-			1		-	-	-	-					-		_	
6KAF6H8339	\$3720.00	L1 - Bus Inductor, 136uH				-	1	_			-	1.1	-						
6KAF6H8340	\$3950.00	L1 - Bus Inductor, 109uH	-					1					_			-			-
6KAF6H8341	\$4175.00	L1 - Bus Inductor, 87uH	-					-	1		-	-		-		-			
6KAF6H8S64	\$6600.00	L1 - Bus Inductor, 62uH				1				1						-			
6KAF6H8_65	\$7140.00	L1 - Bus Inductor, 51uH						-			1	1	1						
6KAF6H8322	\$515.00	R1 - Softcharge Resistor, 27 Ohm, 110W			1	1	1	1	1				•						
6KAF6H8560	\$575.00	R1 - Softchorge Resistor, 27 Ohm, 155W								1	1	1	1	-			-		
uses						-					-		-		_		_		_
6KAF6H8334	\$300.00	FU 1.2.3 - Fuse Moin, 350A	_		3	3													
6KAF6H8335	\$345.00	FU 1.2.3 - Fuse Main, 630A			3	2	3			_	-	_		-	-				
6KAF6H8591	\$560.00	FU 1.23 - Fuse Main, 700A			-		2	3	3		-	-	_	-	_				
6KAF6H8592	\$540.00	FU 1.2.3 - Fuse Main, 900A	-		-	_	-	_		3	7			_	-	_	_	_	_
6KAF6H8769	\$3460.00	Fuse Moins, 2000A			-	-			-		3	3	3			-			_
6KAF6H8770	\$3860.00	Fuse Moins, 2500A												3	3	3	- 3		
6KAF6H8767	\$1555.00	Fuse DC, 1100A									-	-	_			-		3	3
6KAF6H8768	\$1370.00	Fuse DC, 1400 A					-		-	-	-		-	4	4			6	-
6KAF6H8336	\$130.00	Fuse Softcharge, 20A, PKG3			1	1	1	1	1	1	1	1	1			4	4		6
6KAF6H8440	\$80.00	FU 5 - Fuse, 4A, PKG3, Power PCA, Fan			1	1	1	i	1	1	1	1	1		_		_	-	-
6KAF6H8440	\$80.00	FU 4 - Fuse, 4A, PKG3 Power PCA Fan			1	1	1	1	1	1	-	•	4	-	-				
6KAF6H8609	\$225.00	FU 4 - Fuse, 15A, PKG3, Fon			-	-	1				1	1	1					-	
ons										_	-	•	4				_		
6KAF6HB329	\$2185.00	F1+C1 - Heatsick For Assy																	
6KAF6H8578	\$4270.00	F1+C1 - Heatsink Fon Assy	•		1	1	1	1	1					-		_		_	
6KAF6H8579	\$9975.00			_			-		_	1	_					-			
6KAF6H8771	\$2990.00	F1+C1 - Heatsink Fan Assy Fan Heatsink			-						1	1	1		-		_	1.11	
6KAF6HB330	\$1580.00	F 2. 3 - Door Fon Kit	41/43/51		-		-	-			-	_		3	3	3	3	4	4
6KAF6H8331	\$170.00	Door Vent Kit	41/42/51	-	1	1	1	1	1	1	1	1	1						
6KAF6H8332		bor Fan Filter, PKG10 IPS4/Nema 12 Drivel	41/42/51		1	1	1	1	1	1	1	1	1	-					
6KAF6H8639	\$225.00	F4 - DC Top Fan, IP00/Chassis Unit Drive			1	1	1	1	1	1	1	1	1		_	_			
6KAF6H8333	\$1150.00	F 2, 3 - Door/Top AC Fon	43/44		1	1	1	1	1				-	-	_	-	_		-
6KAF6H8772	\$4250.00	Door Fon			1	1	1	1	1	1	1	1	1	-		-	_	_	
		LOUI FOIL												3	3	3	3	3	3



IP 00 - 460 Vac, 3-Phase, 50/60Hz Input (continued)

IP 21/54 - 460 Vac, 3-Phase, 50/60Hz Input (continued)

Product	List Price	Description	Unit Size	Roting	1			-		D	rive Hp	a ond (Quanti	ty Per	Drive		-		
Number	GO-SRP			_	150	200	250	300	350	450	500	550	600		750	900	1000	1200	1350
Fans (continued)											84-8			10			-		
6KAF6H8612	\$770.00	F5 - Fuse Fan, Input Plate								1									
6KAF6H8344	\$500.00	TR1 - Fan Transformer Assy, 500V	-		1	1	1	1	1		-	-	1	_					
6KAF6H8566	\$580.00	TR1 - Fan Transformer Assy	2		-	-	-	-							-		-	_	
6KAF6H8567	\$1990.00	TR1 - Fon Transformer Assy, 1500VA				_	-		-	-								_	_
6KAF6H8577	\$1410.00	LS - Heatsink Fan Inductor				-	_	_			1	1	1					-	-

IP 00 - 575 Vac, 3-Phase, 50/60Hz Input

IP 21/54 - 575 Vac, 3-Phase, 50/60Hz Input

Product	List Price	Description	Unit Size	Roting						P	rive Hp	b and	Quanti	ty Per	Drive				
Number	GO-SRP				150	200	250	300	350	400			600			950	1050	1150	135
										vurp	430	anny	000	0.70	130	330	1030	1120	13
Main Control Co					1.1					-		-	-		-				_
6KAF61109	\$950.00	Control Cord	•	-	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Keypad				_		_						_		_	-				
6KAF61107	\$500.00	Replacement Graphical Keypad	-		1	1	1	1	1			1							
6KAF61007	\$40.00	Frame			1	1	1	1	1	1	1	1	1	1	11	$\frac{1}{1}$	1		1
Power Cord						•		•	*	*	<u> </u>	+	-	-	1	1	1	1	1
6KAF6H8661	\$2100.00	Power Card																	
6KAF6H8662	\$2100.00	Power Card			1			_		12		_					_		
6KAF6H8663	\$2100.00	Power Cord		_		1			1.0.1	_	_	_		_	_	_	-		
6KAF6H8664	\$2100.00	Power Cord	-	-			1	-	_		_			_		_			_
6KAF6H8665	\$2100.00	Power Cord	-				-	1		-	_	_	_				_		_
6KAF6H8666	\$2100.00	Power Card					-	_	1			_						_	
6KAF6H8667	\$2100.00	Power Cord		_		-				1		_	_		_		_		_
6KAF6H8668	\$2100.00	Power Card			_		-				1		_	_	_	_	_		
6KAF6HB669	\$2100.00	Power Card				-		_		_	-	1		_		_			_
6KAF6H8670	\$2100.00	Power Card			-		_			_			1				_	_	_
6KAF6H8786	\$2625.00	Power Cord			_		-				_			1	-		_	_	-
6KAF6H8787	\$2625.00	Power Card						-		-		-		_	3	-			_
6KAF6H8788	\$2625.00	Power Cord			-	-				-	_		_		_	3			_
6KAF6H8789	\$2625.00	Power Card														-	3		_
6KAF6H8791	\$2625.00	Power Card																4	
6KAF6H8308	\$95.00	PCA4 - Current Scoling PCA, 4 54 Ohm				1													4
6KAF6H8309	\$95.00	PCA4 - Current Scoling PCA, 3 79 Ohm				-	-	-	_	-	1	1		_	2			3	
6KAF6H8310	\$95.00	PCA4 - Current Scaling PCA, 3 10 Ohm					1	1	-		-		1		_	2		_	3
5KAF6H8311	\$95.00	PCA4 - Current Scaling PCA, 2.56 Ohm					-	1		-		_	-		_	_	_		_
6KAF6H8312	\$95.00	PCA4 - Current Scaling PCA, 5 10 Ohm		-					1		_	-		1	_		2		_
6KAF6H8525	\$95.00	PCA4 - Current Scoling PCA, 5 85 Ohm			1	-				1			_						
6KAF6H8773	\$1840.00	MDCIC Board, CC					-												_
5KAF6H8626	\$1640.00	PCA5 - Gate Drive PCA, CC			1	1	1	1	1	1	-			-	1	1	1	1	1
6KAF6H8523	\$215.00	PCA8 - HF PCA	-		1	1		- <u>+</u>	1	1	1	1	1						
6KAF6H8522	\$1535.00	PCA11 - Softcharge PCA, CC	-		1	- <u>-</u>	1	1	<u></u>	1			1	_1					
6KAF6HB466	\$1535.00	PCA11 - Softchorge PCA, CC					*		-	- 1	1	1							
6KAF6H8526	\$25.00	PCA9 - Bolance, PCA			1	1	2	2	2	2	2	2		2		_			
werter (GBTs						•	<u> </u>	<u> </u>	6	4	6	2	2	2					
6KAF6H8632	11100.00																		
6KAF6H8633	\$8300.00	IGBT1, 2 - IGBT kit, 300A			_1		2	2											
6KAF6H8634	\$10815.00	IGBT1, 2 - IGBT kit, 450A	-			_1			2	2									
6KAF6H8635	\$10975.00	IGBT1, 2, 3 - IGBT kit, 300A								1990	3	3							
6KAF6H8534	\$160.00	IG8T1, 2, 3 - IG8T kit, 450A	*					_			_		3	3					
0.00 000000	\$100.00	C23,4,5,6,7,8,9,10 -	-		3	3	6	б	6	6	9	9	9	9					
6KAF6H8755	\$196925.00	CAP IGBT Snubber, 1250V, 1uF Inverter Module			_	-	_												
	\$291985.00		-								-	_			2				
	\$322260.00	Inverter Module														2			
	\$196925.00	Inverter Module	-														2		
	\$291985.00		-			_											- 22	_ 3	
	3631303.00	Inverter Module	•																3
ake IGBT																		_	
6KAF6HB316	\$3370.00	IGBT4, 5 - Broke IGBT kit	-		1	1	S	2	S	2	2	2	z	z					
ctifiers								-	-	_	<u> </u>	<u> </u>	С.,	22					
6KAF6H8529	\$1415.00	SCR1, 2, 3 - SCR/Diode kit, 160A			,														
6KAF6H8530	\$2830.00	SCR1, 2, 3 - SCR/Diode kit, 160A			3	3	3	-		-									
6KAF6HB434	\$3360.00	SCR1, 2, 3 - SCR kit, 430A						3	3	3									
6KAF6HB435	\$4290.00	D1, 2, 3 - Diode kit, \$40A									3	3	3	3	_				
	\$265810.00	Rectifier Module									3	3	3	3					
	\$265810.00	Rectifier Module											_		1				
6KAF6H8725		The Antire Control Control of the Antire Con	-													1			
		Rectifier Module								_									
6KAF6H8726	265810.00 357675.00	Rectifier Module Rectifier Module	-														1	1	



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Section 15

IP 00 - 575 Vac, 3-Phase, 50/60Hz Input (continued)

IP 21/54 - 575 Vac, 3-Phase, 50/60Hz Input (continued)

Product Number	List Price	Description	Unit Size	Rating	vette					0	rive H _i	p ond i	Quant	ity Per	Drive				
Number	GO-5RP		_		150	200	250	300	350		450	500	600	650	750	950	1050	1150	135
Current Transdu	Cers		_				_		22		-	-							
6KAF6H8342	\$525.00	L2, 3, 4 - Current Sensor, 300A	12																
6KAF6H8343	\$750.00	L2 3 4 - Current Sensor SOOA			3	3	3	3	3		-	_	_	_					
6KAF6H8563	\$1925.00	LZ 3, 4 - Current Sensor, 1000A			-	_	_	_		3	3	3	3		_				
OC Link									_					3					
6KAF6H8532	\$\$420.00																		
6KAF6H8533	\$7360.00	CBANK1, 2 - CAP Book, 4 Cop			1		2	2	1										
6KAF6H8638	\$12310.00	CBANK1, 2 - CAP Bonk, 6 Cop		_		1			1	2									
6KAF6H8536	\$3435.00	CBANK1, 2 - CAP Bonk, 8 Cop		_			-		201	2	2	2	2	2					
6KAF6H8537	\$3550.00	L1 - Bus Inductor, 350uH			1	_		_	_								100		100
6KAF6H8538		L1 - Bus Inductor 250uH				1			_				- 22					1.5.7	
6KAF6H8339	\$3975.00	L1 - Bus Inductor, 1950H			_		1	1								-		1	
6KAF6H8340	\$3720.00	L1 - Bus Inductor, 136uH			-			1	1							-			
	\$3950.00	L1 - Bus Inductor, 109uH		10.1	1.1					1						-	-	-	_
6KAF6H8469	\$8730.00	L1 - Bus Inductor, 73uH	+								1	1	1	1			100	-	
6KAF6H8531	\$565.00	R1 - Softcharge Resistor, 68 Ohm, 110W			1	1	1	1	1	1	_								
6KAF6H8467	\$550.00	R1 - Softcharge Resistor, 68 Ohm, 155W	· •								1	1	1	1					-
Fuses									_			-		-					_
6KAF6H8334	\$300.00	FU1, 2, 3 - Fuse Main, 350A			3	3													
6KAF6H8591	\$560.00	FU1, 2, 3 - Fuse Main, 700A		-	3	2						-				_			
6KAF6H8592	\$850.00	FU1, 2, 3 - Fuse Main 900A				_	_				3	3	3	-		_	_		_
6KAF6HB540	\$570.00	FU1 2.3 - Fuse Main 550A			-		3	3		-			_	3	_	_	_		_
6KAF6H8769	\$3560.00	Fuse Mains 2000A				-	3	3	3	3	_				-	_			
6KAF6H8767	\$1555.00	Fuse DC. 1100A				-		_	-	_	_	-			3	3	3	3	3
6KAF6H8336	\$130.00	Fuse Softcharge, 20A, PKG3		-							-	_	-		4	4	4	6	6
6KAF6H8440	\$80.00	FUS - Fuse 4A PKG3 Power PCA Fon			1	1	1	1	1	1	1	1	1	1		_			
6KAF6H8440	\$80.00	FUA - Fuse 4A PKG3 Power PCA Fon			1	1	1	1	1	1	1	1	1	1					
6KAF6HB609	\$225.00	FU4 - Fuse 15A PKG3 Fon			1	1	1	1	1	1	1	1			_				
		TOT TOP TOP TOP TOP TOP	2.1										1	1					
ons													_			_		_	
6KAF6H8329	\$2185.00	F1+C1 - Heatsink Fan Assy	-		1	1	1	1	1	1									
6KAF6H8578	\$4275.00	F1+C1 - Heatsink Fan Assy	-	_				-			1	1		-		-	17.77	_	
6KAF6H8579	\$9975.00	F1+C1 - Heatsink Fan Assy									-		1	1	_			1	
6KAF6H8771	\$2990.00	Fan Heatsink									-			1	3	3		4	4
6KAF6H8330	\$1580.00	F2,3 - Door Fan Kit	41/42/51		1	1	1	1	1	1	1	1	1	1	1	4	1		
6KAF6H8331	\$170.00	Door Vent Krt	41/42/51		1	1	1	1	1	1	1	1	1	1					
6KAF6H8332	\$150.00 D	bor Fan Filter, PKG10 (IP54/Nema 12 Drive)	41/42/51		1	1	1	1	1	1	1	1	1	1					
6KAF6H8639	\$225.00	F4 - DC Top Fan, IP00/Open Chassis Drive	43/44		1	1	1	1	1	1			-*						
6KAF6H8333	\$1150.00	F2 - Door/Top AC Fan	52				-	· · · ·			1	1	1	t					
6KAF6H8333	\$1150.00	F2, 3 - Door/Top AC Fan	41/42/51		1	1	1	1	1	1	3	1	1	1					
6KAF6H8772	\$4250.00	Fon Door						·					_+	-	3	3			
6KAF6H8535	\$800.00	TR1 - Fon Transformer Assy, 690V, 400VA			1	1	1	1	1	1	1	1			3	7	3	3	3
6KAF6H8471	\$570.00	TR1 - Fan Transformer Assy					· · · · ·			_*		1							_
6KAF6H8577	\$1410.00	L5 - Heatsink Fan Inductor						_					1	1					

High Power Cables

IP 00 - 460 Vac, 3-Phase, 50/60Hz Input

IP 21/54 - 460 Vac, 3-Phase, 50/60Hz Input

Product Number	List Price	Description	Unit Size	1000		Dris	ve Hp and	Quantity	Per Drive			
number	GO-5RP			150	200	250	300	350	450	500	550	600
ables												000
6KAF6H8640	\$70.00	CBL1 - Kyepod Coble for IP54/Nemo 12 Drive Type	41/42	-1		,	,					
6KAF6H8586	\$75.00	CBL1 - Keypod Cobie	SX				1	1				
6KAF6H8641	\$80.00	CBLZ - Control Cable PCA, 44pin	4X & 5X	1	1	1	1		1	1		1
6KAF6H8541	\$185.00	CBLS - Current Sensor Cable	4X	1		ł		l	1	1	1	1
6KAF6H8349	\$365.00	CBLS - Currnet Sensor Coble	42									
6KAF6H8568	\$235.00	CBL5 - Current Sensor Coble	5X									
6KAF6H8569	\$245.00	CBL5 - Current Sensor Cable	58						1			
6KAF6H8542	\$75.00	CBL8 - HS Fon Coble	41	1	1					1		1
6KAF6H8359	\$100.00	CBLB - HS Fan Cable	42									
6KAF6H8571	\$80.00	CBL8 - Fan Cable for IP00/Open Chassis Drive Type	51			A						
6KAF6H8572	\$120.00	CBL8 - Fan Cable for IP54/Nema 12 Drive Type	52						1			_
6KAF6H8573	\$85.00	CBLB - Fon Coble for IP00/Open Chossis Drive Type	51		_		_		1			
6KAF6H8574	\$125.00	CBLB - Fan Cable for IP54/Nema 12 Drive Type	52		_	_		-		1		1
6KAF6H8354	\$60.00	CBL9 - Softchorge Coble RST prime	4X	1	1	1		4		1	1	1
6KAF6H8570	\$55.00	CBL9 - Saftcharge Cable RST prime	SX			#		<u>i</u>				
6KAF6H8358	\$55.00	CBL12 - Door Fan Cable	41/42	1	1		1		1	1	1	1
6KAF6H8544	\$110.00	CBL13 - SCR Coble	41	1	1	+		ł		-		_
6KAF6HB357	\$110.00	CBL13 - SCR Cable	42			1	1	1				
6KAF6H8575	\$205.00	CBL13 - SCR Cable	5X			4	<u> </u>				-	-
									1		1	1



IP 00 - 460 Vac, 3-Phase, 50/60Hz Input (continued)

IP 21/54 - 460 Vac, 3-Phase, 50/60Hz Input (continued)

Mumber .	List Price	Description	Unit Size						Per Drive			
Number	GO-SRP			150	200	250	300	350	450	500	550	600
obles (continue	edi											
6KAF6H8356	\$45.00	CBL14 - DC to Power PCA Cable	4X	1	1	- 1	1					
6KAF6H8576	\$50.00	CBL14 - DC to Power PCA Cable	SX		· · ·	-	1		1		1	
6KAF6H8830	\$20.00	CBL15 - RFI Switch Coble	4X	1	1	1	1	1		1	1	1
6KAF5H8580	\$65.00	C8L15 - RFI Switch Cable	SX		*		-	*	1	1	1	1
6KAF6H8363	\$30.00	CBL16 - Gate Driver Cable, 16pm	41	1	1			-	-	-		1
6KAF6HB350	\$41.00	CBL16 - Gote Driver Coble, 16pin	42	-		1	1	1		_	_	
6KAF6HB581	\$45.00	CBL16 - Gate Driver Cable, 16pin	5X						1	1	1	1
6KAF6HB364	\$60.00	COL17,18,19 IGBT Gate Cable	41	3	3				-			4
6KAF6H8351	\$95.00	CBL17,18,19 - IGBT Gate Coble	42			3	3	3		-	-	
6KAF6H8582	\$40.00	CBL17,18 19 - IGBT Gate Cable	51						3	3	3	3
6KAF6H8352	\$65.00	CBL20 - IGBT Temperature Cable		1	1	1	1	1	1	1	1	1
6KAF6H8365	\$40.00	CBL21 - Brake IGBT Cable	41	1	1						1	
6KAF6H8368	\$65.00	C6LZ1 - Broke IGBT Coble	42	-		1	1	1				
6KAF6H8583	\$85.00	CBL21 - Broke IGBT Coble	SX			_			1	1	1	1
6KAF6HB366	\$320.00	CBL22 - Brake Power Plus Cable	41	1	1						· ·	
6KAF6H8369	\$595.00	CBL22 - Broke Power Plus Cable	42			1	1	1		_	-	
6KAF6H8367	\$320.00	CBL23 - Broke Power Minus Cable	41	1	1	-						-
6KAF6H8370	\$550.00	CBL23 - Broke Power Minus Coble	42		-	1	1	1	17 - 51	-		
6KAF6H8543	\$55.00	CBL24 - Softcharge RST Cable	41	1	1				100	-		
6KAF6H8353	\$75.00	CBL24 - Softchorge RST Coble	42			1	1	1				
6KAF6H8584	\$45.00	CBL24 - Softcharge RST Cable	5X						1	1	1	1
6KAF6H8355	\$45.00	CBL25 - Softcharge to DC Bus Cable	4X	1	1	1	1	1	-	-	•	
6KAF6H8585	\$40.00	CBL25 - Softcharge to DC Bus Cable	5X						1	1	1	1
6KAF6H8613	\$65.00	CBL26 - Fuse Fon Coble	5X						1	1	1	1
erminals, Labels	, Insulators									•		•
6KAF6HB374	\$215.00	T81 - Bus Bors, Terminols Line/Lood	4X	3	3							
6KAF6H8375	\$250.00	T81 - Bus Bars, Terminals Line/Load	4X		-	3	3	3		3		-
6KAF6H8587	\$690.00	TB1 - Bus Bars, Terminal Black	SX				-		3	3	3	3
6KAF6H8374	\$215.00	TB2 - Bus Bars, Terminals Line/Load	4X	3	3					3	2	2
6KAF6H8375	\$255.00	TB2 - Bus Bars, Terminals Line/Load	4X			3	3	3	_			_
6KAF6H8587	\$690.00	T82 - Bus Bars, Terminal Black	5×				-		3	3	3	3
6KAF6H8395	\$260.00	T83 - Bus Bars, Terminal, Load Share & Brake	4%	2	2	2	z	z	3	2	3	3
6KAF6H8399	\$410.00	T83 - Bus Bors, Terminal, Load Share, Left	4X				- 0	6	1	1	1	1
6KAF6H8404	\$415.00	TB3 - Bus Bars, Terminal, Load Share Right	4X						1	1	1	1
6KAF6H8395	\$260.00	TB4 - Bus Bors, Terminal, Load Share & Brake	4X	Z	2				•	*	*	1
6KAF6H8399	\$410.00	T84 - Bus Bars, Terminal, Load Share, Left	4X			1	1	1				
6KAF6H8404	\$415.00	TB4 - Bus Bars, Terminal, Load Share Aught	4X			1	1	1				
6KAF6H8587	\$690.00	TB4 - Bus Bars, Terminal Block	5X				•		2	2	2	2
6KAF6H8371	\$135.00	TB1 - Terminal Insulator Line/Load	4X	1	1	1	1	. 1		_ 6 .		٤
6KAF6H8588	\$155.00	TB1 - Insulator Terminal Block	SX		-			····*	3	3	3	3
6KAF6H8371	\$135.00	TB2 - Terminal Insulator Line/Load	AX	1	1	1	1	1			3	2
6KAF6H8588	\$155.00	T82 - Insulator Terminal Block	5X	·····	· ·	A .	*	*	3	3	3	3
6KAF6H8372	\$80.00	TB3 - Terminal Insulator, Brake & Load Share	4X	1	1	1	1	1	1			
6KAF6HB372	\$80.00	TB4 - Terminal Insulator, Brake & Load Share	4X	1	1	1	1	1		1	1	1
6KAF6H8588	\$155.00	184 - Insulator Terminal Block	5X	*			A .	4	2	2	2	2
6KAF6H8373	\$515.00	Terminal Black Label Set	4X	1	1	1	-1	1		6	6	č
6KAF6H8589	\$1460.00	Terminal Black Label Set	5X		-				1	1	1	1
6KAF6H8545	\$60.00	Insulator Mylar for IGBT Bus	41	1	1						A	
6KAF6H8421	\$65.00	Insulator Mylor for IGBT Bus	42		-	1	1	1				
6KAF6H8590	\$150.00	Insulator for IGBT- Chassis	5X			-		4	1	1	1	1
6KAF6H8547	\$30.00	Insulator for IGBT Snubber Capacitor Support		-1	1	2	2	Z	4		ł	
6KAF6H8410	\$285.00	Bus Bar Stand Off, PKG10		12	12	17	17	17	11	11	11	11
6KAF6H8610	\$230.00	IG8T Output Standoff, PKG9	5X		- 46	*/	47		9	9	9	9
s Bars	_				_				2	7	3	3
6KAF6H8380	\$145.00	Bus Bars, SCR, R S T	4X	3 .	3							
6KAF6H8S48	\$95.00	Brocket, SCR Bus Bars Support	4X	1	1							
phargho340	\$210.00	Bus Bors, SCR Input	AX	4		2						-
6KAF6H8394	2510 00	and and a part tight					3					
6KAF6H8394		Bus Bars, SCR Plus, 1	ax				a	3	*			
6KAF6H8394 6KAF6H8387	\$180.00	Bus Bars, SCR Plus, 1 Bus Bars, SCR/Di loout	4X 5X								1	
6KAF6H8394 6KAF6H8387 6KAF6H8595	\$180.00 \$1270.00	Bus Bars, SCR/Di Input	5X	1	1				3	3	3	3
6KAF6H8394 6KAF6H8387 6KAF6H8595 6KAF6H8379	\$180.00 \$1270.00 \$620.00	Bus Bars, SCR/DI Input Bus Bars Assy, SCR	5X 4X	1	1	-2			3	3	3	3
6KAF6H8394 6KAF6H8387 6KAF6H8395 6KAF6H8379 6KAF6H8381	\$180.00 \$1270.00 \$620.00 \$150.00	Bus Bars, SCR/DI Input Bus Bars, Assy, SCR Bus Bars, SCR Minus	5X 4X 4X	1 2	1	3			3	3	3	3
6KAF6H8394 6KAF6H8387 6KAF6H8595 6KAF6H8379 6KAF6H8381 6KAF6H8393	\$180.00 \$1270.00 \$620.00 \$150.00 \$325.00	Bus Bars, SCR/DI Input Bus Bars Assy, SCR Bus Bars, SCR Minus Bus Bars, SCR DC	5X 4X 4X	1		2			3	3	3	3
6KAF6H8394 6KAF6H8387 6KAF6H8395 6KAF6H8379 6KAF6H8381 6KAF6H8393 6KAF6H8385	\$180.00 \$1270.00 \$620.00 \$150.00 \$325.00 \$290.00	Bus Bars, SCR/DI Input Bus Bars Assy, SCR Bus Bars, SCR Minus Bus Bars, SCR DC Bus Bars, SCR Minus, 1	5X 4X 4X - 4X	1 2			2	2	3	3	3	3
6KAF6H8394 6KAF6H8387 6KAF6H8395 6KAF6H8395 6KAF6H8381 6KAF6H8393 6KAF6H8385 6KAF6H8386	\$180.00 \$1270.00 \$620.00 \$150.00 \$325.00 \$290.00 \$380.00	Bus Bars, SCR/DI Input Bus Bars, SCR Bus Bars, SCR Minus Bus Bars, SCR DC Bus Bars, SCR Minus, 1 Bus Bars, SCR Minus, 2	5X 4X 4X - 4X 4X	1 2		2	1	1		3	3	3
6KAF6H8394 6KAF6H8387 6KAF6H8387 6KAF6H8381 6KAF6H8381 6KAF6H8383 6KAF6H8385 6KAF6H8385 6KAF6H8388	\$180.00 \$1270.00 \$620.00 \$150.00 \$325.00 \$290.00 \$380.00 \$380.00	Bus Bars, SCR/Di Input Bus Bars, Assy, SCR Bus Bars, SCR Minus Bus Bars, SCR DC Bus Bars, SCR Minus, 1 Bus Bars, SCR Minus, 2 Bus Bars, SCR Minus, 2	5X 4X 4X 4X 4X 4X 4X	1 2								
6KAF6H8394 6KAF6H8387 6KAF6H8387 6KAF6H8379 6KAF6H8381 6KAF6H8383 6KAF6H8385 6KAF6H8388 6KAF6H8388 6KAF6H8388	\$180.00 \$1270.00 \$620.00 \$150.00 \$325.00 \$250.00 \$380.00 \$380.00 \$350.00 \$1535.00	Bus Bars, SCR/DI Input Bus Bars, Assy, SCR Bus Bars, SCR Minus Bus Bars, SCR DC Bus Bars, SCR Minus, 1 Bus Bars, SCR Minus, 2 Bus Bars, SCR Mus, 2 Bus Bars, SCR/Di Output	5X 4X 4X 4X 4X 4X 4X 5X	1 2			1	1	2	Z	2	2
6KAF6H8394 6KAF6H8387 6KAF6H8387 6KAF6H8379 6KAF6H8381 6KAF6H8385 6KAF6H8385 6KAF6H8386 6KAF6H8386 6KAF6H8597	\$180.00 \$1270.00 \$620.00 \$150.00 \$350.00 \$380.00 \$380.00 \$1535.00 \$2500.00	Bus Bars, SCR/DI Input Bus Bars, SCR Minus Bus Bars, SCR Minus Bus Bars, SCR Minus, 1 Bus Bars, SCR Minus, 2 Bus Bars, SCR Minus, 2 Bus Bars, SCR Plus, 2 Bus Bars, SCR Plus, 2 Bus Bars, DC Bus Plus, Before DC Reactor	5X 4X 4X 4X 4X 4X 4X 5X 5X 5X	1 2			1	1	2			
6KAF6H8394 6KAF6H8387 6KAF6H8395 6KAF6H8379 6KAF6H8381 6KAF6H8381 6KAF6H8388 6KAF6H8388 6KAF6H8388 6KAF6H8398 6KAF6H8597 6KAF6H8598	\$180.00 \$1270.00 \$620.00 \$150.00 \$325.00 \$380.00 \$380.00 \$1535.00 \$1535.00 \$2500.00	Bus Bars, SCR/DI Input Bus Bars, SCR Minus Bus Bars, SCR Minus Bus Bars, SCR Minus, 1 Bus Bars, SCR Minus, 2 Bus Bars, SCR Minus, 2 Bus Bars, SCR/Di Output Bus Bars, DC Bus Minus Before DC Reactor Bus Bars, DC Bus Minus Before DC Reactor	5X 4X 4X 4X 4X 4X 5X 5X 5X 5X 5X		2		1	1	2	Z	2	
6KAF6H8394 6KAF6H8367 6KAF6H8359 6KAF6H8359 6KAF6H8359 6KAF6H8380 6KAF6H8386 6KAF6H8386 6KAF6H8386 6KAF6H8397 6KAF6H8597 6KAF6H8598	\$180.00 \$1270.00 \$620.00 \$350.00 \$325.00 \$290.00 \$380.00 \$1535.00 \$2500.00 \$2500.00 \$150.00	Bus Bars, SCR/DI Input Bus Bars, SCR Minus Bus Bars, SCR Minus Bus Bars, SCR DC Bus Bars, SCR Minus, 1 Bus Bars, SCR Minus, 2 Bus Bars, DC Bus Minus Before DC Reactor Bus Bars, DC Bus Minus Before DC Reactor Bus Bars, DC Bus Minus Before DC Reactor Bus Bars, DC Link, Plus	5X 4X 4X 4X 4X 4X 4X 5X 5X 5X 5X 5X 4X	1	2		1	1	2	Z	2	
6KAF6H8394 6KAF6H8395 6KAF6H8395 6KAF6H8395 6KAF6H8395 6KAF6H8395 6KAF6H8396 6KAF6H8396 6KAF6H8396 6KAF6H8396 6KAF6H8399 6KAF6H8399 6KAF6H8399	\$180.00 \$1270.00 \$1270.00 \$1250.00 \$355.00 \$380.00 \$380.00 \$1535.00 \$2500.00 \$2500.00 \$1535.00 \$2500.00 \$150.00 \$190.00	Bus Bars, SCR/DI Input Bus Bars, Assy, SCR Bus Bars, SCR Minus Bus Bars, SCR Minus, 1 Bus Bars, SCR Minus, 1 Bus Bars, SCR Minus, 2 Bus Bars, SCR Mus, 2 Bus Bars, SCR/Di Output Bus Bars, DC Bus Minus Before DC Reactor Bus Bars, DC Bus Minus Before DC Reactor Bus Bars, DC Bus Minus Before DC Reactor Bus Bars, DC Link, Plus	5X 4X 4X 4X 4X 4X 5X 5X 5X 5X 5X 4X 4X		2	11	1	1	2	Z	2	
6KAF6H8394 6KAF6H8387 6KAF6H8395 6KAF6H8399 6KAF6H8393 6KAF6H8380 6KAF6H8386 6KAF6H8386 6KAF6H8386 6KAF6H8398 6KAF6H8598 6KAF6H8598	\$180.00 \$1270.00 \$620.00 \$350.00 \$325.00 \$290.00 \$380.00 \$1535.00 \$2500.00 \$2500.00 \$150.00	Bus Bars, SCR/DI Input Bus Bars, SCR Minus Bus Bars, SCR Minus Bus Bars, SCR DC Bus Bars, SCR Minus, 1 Bus Bars, SCR Minus, 2 Bus Bars, DC Bus Minus Before DC Reactor Bus Bars, DC Bus Minus Before DC Reactor Bus Bars, DC Bus Minus Before DC Reactor Bus Bars, DC Link, Plus	5X 4X 4X 4X 4X 4X 4X 5X 5X 5X 5X 5X 4X	1	2		1	1	2	Z	2	



Rev. 8/15 Prices and data subject to change without notice

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IP 00 - 460 Vac, 3-Phase, 50/60Hz Input (continued)

IP 21/54 - 460 Vac, 3-Phase, 50/60Hz Input (continued)

roduct	List Price	Description	Unit Size			Dri	ve Hp and	Quentin	Per Drive			-
lumber	GO-5RP			150	200	250	300	350	450	500	550	600
us Bers (conti	ived)							V				
6KAF6H8377	\$675.00	Bus Bars Assy, IGBT-Inductor	4X									
6KAF6H8378	\$690.00	Bus Bors Assy, IGBT-Copecitor	48		_	1	1					_
6KAF6H8600	\$3675.00	Bus Bars Assy, IGBT-Inductor	5X			-	-					
6KAF6H8601	\$865.00	Bus Bars Assy, IGBT-Copocitor	SX		_	_			1	1	1	1
6KAF6H8390	\$100.00	Bus Bors, IGBT, U V W	4X	1	1			_	3	3	3	3
6KAF6H8392	\$230.00	Bus Bars, Mator, 2	48	1								
6KAF6H8383	\$260.00	Bus Bars, Motor, U W	4X									_
6KAF6H8384	\$215.00	Bus Bars, Motor V	4X		_			¢ .		_	-	_
6KAF6HB389	\$220.00	Bus Bars, I-Sensor	4%								_	_
6KAF6H8602	\$1175.00	Bus Bors, IGBT Output	5X	_		2	- 1					
6KAF6H8603	\$1180.00	Bus Bors, Over Fon Box	5X						3	3	3	3
6KAF6H8604	\$530.00	Bus Bors, Current Sensor 5352	5X				_		3	3	3	3
6KAF6HB605	\$550.00	Bus Bors, Current Sensor 5452-5502	4X			-			3		-	_
6KAF6H8397	\$190.00	Bus Bars, Brake Plus	4X			-	-			3	3	3
6KAF6H8398	\$210.00	Bus Bars, Brake Minus	48	1	-			-				1.00
6KAF6H8396	\$320.00	Bus Bors, Brake	4X	4	-							
6KAF6H8606	\$8620.00	Bus Bars, Brake Assy	5X				1	1			_	
6KAF6H8401	\$475.00	Bus Bors, Load Share Plus	4X							1	1	1
6KAF6H8400	\$460.00	Bus Bars, Load Share Minus	4X	1		_						
6KAF6H8403	\$855.00	Bus Bars, Lood Share Plus	4X	-								-
6KAF6H8402	\$655.00	Bus Bars, Lood Share Minus	4X					1	_			_
6KAF6H8607	\$2055.00	Bus Bors, Lood Share Plus	4A 5X			-		1				
5KAF6H8608	\$2070.00	Bus Bart, Load Share Minus	5X						1	1	1	1_
6KAF6H8405	\$1370.00	Bus Bars. SCR Input 2	4X	1				_		1	1	1
6KAF6H8406	\$835.00	Bus Bors. SCR. T. 1	4X									

IP 00 - 575 Vac, 3-Phase, 50/60Hz Input

IP 21/54 - 575 Vac. 3-Phase, 50/60Hz Input

Product	List Price	Description	Unit Size			Dr	ive Hp or	nd Quant	ity Per D	rive			
Number	GO-SRP			150	200	250	300	350	400	450	500	600	650
ables													
6KAF6H8640	\$70.00	CBL1 - Keypad Cable for IP54/Nema 12 Drive Type	41/42	1	1								
6KAF6H8586	\$75.00	CBL1 - Keypad Cable	5X	i	_1_	1	1	1	1				
6KAF5H8641	\$80.00	CBL2 - Control Cable PCA, 44pin	4X & 5X	1	1	1				1	1	1	1
6KAF6H8541	\$185.00	CBL5 - Current Sensor Coble	4X	1	1		1	1	1	1	1	1	1
6KAF6H8349	\$365.00	CBL5 - Currnet Sensor Cable	42	1	-					_	_	_	
6KAF6H8568	\$235.00	CBL5 - Current Sensor Cable	5X			1	1	1	1				
6KAF6H8569	\$245.00	CBLS - Current Sensor Cable	5X							1	1	1	
6KAF6H8542	\$75.00	CBL8 - HS Fon Coble	41	1	1					_	_		1
6KAF6H8359	\$100.00	CBL8 - HS Fon Coble	42	1	1					_		_	_
6KAF6H8571	\$80.00	CBLB - Fon Cable for IP00/Open Chassis Drive Type	51			1	1	1	1		_		_
6KAF6HB572	\$120.00	CBLB - Fan Cable for IPS4/Nema 12 Drive Type	51		_	_		_		1	1		
6KAF6H8573	\$85.00	CBL8 - Fan Cable for IP00/Open Chassis Drive Type	52		_		-		-	1	1	_	_
6KAF6H8574	\$125.00	CBL8 - Fon Cable for IP54/Nema 12 Drive Type					_		-		_	1	1
6KAF6H8354	\$60.00	CBL9 - Softchorge Coble RST prime	52 4X									1	1
6KAF6H8570	\$55.00	CBL9 - Softcharge Cable RST prime		1	1	1	1	1	1				
6KAF6H8358	\$55.00	CBL12 - Door Fan Cable	5X				_		_	1	1	1	1
6KAF6H8544	\$110.00	CBL13 - SCR Coble	41/42	1	1	1	1	1	1				
6KAF6H8357	\$110.00	CBL13 - SCR Coble	41	1	1		_			-	_		
6KAF6H8575	\$205.00	CBL13 - SCR Coble	42	_		1	1	1	1				
6KAF6H8356	\$45.00	CBL14 - DC to Power PCA Coble	5X							1		1	1
6KAF6H8576	\$50.00	CBL14 - DC to Power PCA Coble	4X	1	1	1	1	1	1				-
6KAF6HB363	\$30.00	CBL16 - Gate Driver Cable, 16pin	5X			_	_			1	1	1	1
6KAF6H8350	\$41.00		41	1	1					1.2			
6KAF6H8581	\$45.00	CBL16 - Gate Driver Cable, 16pin	42			1	1	1	1				
6KAF6H8364	\$60.00	CBL15 - Gate Driver Cable, 16pin	5X							1	1	1	1
6KAF6HB351	\$95.00	CBL17.18.19 (GBT Gate Coble	41	3	3	_		_					
6KAF6H8582	\$40.00	CBL17,18,19 - IGBT Gate Coble	42			3	3	3	3				
6KAF6H8352	\$65.00	CBL17,18.19 - IGBT Gate Cable	51						1.2	3	3	3	3
6KAF6H8365	\$40.00	CBL20 - KGBT Temperature Cable		1	1	1	1	1	1	1	1	1	1
6KAF6H836B	\$65.00	CBL21 - Broke IG87 Coble	41	1	1								
6KAF6H8583	\$85.00	CBL21 - Broke IGBT Cable	42			1	_ 1	1	1				
6KAF6H8366	\$320.00	CBL21 - Broke IG8T Coble	5X	_	_					1	-1-	1	1
6KAF6H8369	\$595.00	CBL22 - Brake Power Plus Coble	41	1	1	_		5 S.A.					-
6KAF6HB367	\$320.00	CBL22 - Brake Power Plus Cable	42		_	1	1	1	1				
6KAF6H8370		CBL23 - Broke Power Minus Cable	41	1	1	-							
6KAF6H8543	\$550.00	CBL23 - Brake Power Minus Cable	42			1	1	1	1				
	\$55.00	CBL24 - Softcharge RST Cable	41	1	1				_				
6KAF6H8353	\$75.00	CBL24 - Softchorge RST Coble	4Z			1	1	1	1				
6KAF6H8584	\$45.00	CBL24 - Softcharge RST Cable	5X						100	1	1	1	1
6KAF6H8355	\$45.00	CBL25 - Softcharge to DC Bus Cable	4X	1	1	1	1	1	1			-	-
6KAF6H8585	\$40.00	CBL25 - Softcharge to DC Bus Cable	5X							1	1	1	1
6KAF6H8613	\$65.00	CBL26 - Fuse Fon Cable	5X	1228						1	1	1	1



IP 00 - 575 Vac, 3-Phase, 50/60Hz Input (continued)

IP 21/54 - 575 Vac, 3-Phase, 50/60Hz Input (continued)

Product Number	List Price GO-SRP	Description	Unit Size				rive Hp a			rive			
				150	200	250	300	350	400	450	500	600	65
erminals, Labe													
6KAF6H8374		TB1 - Bus Bars, Terminals Line/Load	4X	3	3								
6KAF6H8375		T81 - Bus Bars, Terminals Line/Load	4X			3	3	3	3				
6KAF6H8587	\$690.00	TB1 - Bus Bars, Terminal Block	5X				-		-	3	3	3	2
6KAF6H8374	\$215.00	TB2 - Bus Bors, Terminals Line/Load	4X	3	3			1.1	_			2	3
6KAF6H8375	\$255.00	TB2 - Bus Bars, Terminals Line/Load	4×			3	3	3	3				
5KAF6H8587	\$690.00	TB2 - Bus Bars, Terminol Block	SX							3	3	3	3
6KAF6H8395	\$260.00	TB3 - Bus Barn, Terminal, Lood Share & Brake	4X	2	2	2	Z	2	z	-		3	2
6KAF6H8399	\$410.00	TB3 - Bus Bars, Terminal, Load Share, Left	4X							1	1	1	1
6KAF6H8404	\$415.00	TB3 - Bus Bars, Terminal, Load Share, Right	4×					- 11 A.		1	i	1	1
6KAF6H8395	\$260.00	T84 - Bus Bors, Terminal, Lood Share & Brake	4X	2	2						-		
6KAF6H8399	\$410.00	TB4 - Bus Bars, Terminal Load Share, Left	4X			1	1	1	1				-
6KAF6H8404	\$415.00	TB4 - Bus Bors, Terminal, Load Share, Right	4X			1	1	1	1		-		
6KAF6H8587	\$690.00	TB4 - Bus Bars, Terminal Black	SX					_	-	2	2	2	S
6KAF6HB371	\$135.00	TB1 - Terminal Insulator Line/Load	4X	1	1	1	1	1	1				
6KAF6H8588	\$155.00	181 - Insulator Terminal Block	5X							3	3	3	3
6KAF6H8371	\$135.00	TB2 - Terminal Insulator Line/Load	4X	1	1	1	1	1	1				-
6KAF6H85B8	\$155.00	182 - Insulator Terminal Block	5X							3	3	3	3
6KAF6H8372	\$80.00	T83 - Terminal Insulator, Brake & Load Share	4X	1	1	1	1	1	1	1	1	1	1
6KAF6H8372	\$80.00	TB4 - Terminal Insulator, Brake & Load Share	۹X	1	1	1	1	1	1				-
6KAF6H8588	\$155.00	TB4 - Insulator Terminal Black	SX							2	2	S	Z
6KAF6H8373	\$515.00	Terminol Block Lobel Set	4X	1	1	1	1	1	1				
6KAF6HB589	\$1460.00	Terminal Black Label Set	5X		-					1	1	1	1
6KAF6H8545	\$60.00	Insulator Hylar for IGBT Bus	41	1	1							-	
6KAF6H8421	\$65.00	Insulator Mylor for IGBT Bus	42			1	1	1	1				-
6KAF6H8590	\$150.00	Insulator for IGBT- Chassis	SX						-	1	1	1	1
6KAF6H8547	\$30.00	Insulator for IGBT Snubber Capacitor Support		1	1	2	2	2	2				-
6KAF6H8546	\$160.00	Line Fuse Insulator				1	1	1	1		1.0		
6KAF6H8410	\$285.00	Bus Bar Stand Off, PKG10		12	12	17	17	17	17	11	11	11	11
6KAF6H8610	\$230.00	IGBT Output Standoff, PKG9	5X							9	9	9	9
IS BORS								-			_		
6KAF6H8380	\$145.00	Bus Bars, SCR, A ST	4X	3	3								
6KAF6H8548	\$95.00	Bracket, SCR Bus Bars Support	άX	1	1								-
6KAF6H8394	\$210.00	Bus Bars, SCR Input	4X	100		3			_				
6KAF6HB387	\$180.00	Bus Bars, SCR Plus, 1	4X				3	3	3				
6KAF6H8700	\$1615.00	Bus Bors, SCR/Di Input	SX							3	3	3	3
6KAF6H8379	\$520.00	Bus Bors Assy, SCR	4X	1	1					-			- 1
6KAF6H8381	\$150.00	Bus Bors, SCR Minus	4X	2	S		-			_			
6KAF6HB393	\$325.00	Bus Bars, SCR DC				z	-		_				
6KAF6H8385	\$290.00	Bus Bars, SCR Minus, 1	4X	_			2	S	Z		_		
6KAF6H8386	\$380.00	Bus Bars, SCR Minus, 2	4X	100		1	1	1	1		111		
6KAF6H83B8	\$380.00	Bus Bors, SCR Plus, 2	4X			1	1	1	1				_
6KAF6HB701	\$1780.00	Bus Bars, SCR/Dr Output	5X							2	2	2	2
6KAF6H8597	\$2500.00	Bus Bars, DC Bus Plus, Before DC Reactor	5X							1	1	1	1
6KAF6H8598	\$2500.00	Bus Bars, DC Bus Minus Before DC Reactor	5X						-	1	1	1	1
6KAF6H8549	\$150.00	Bus Bors, DC Link, Plus	ΑX	1	1				_			*	-
6KAF6H8391	\$190.00	Bus Bars, DC Link, Plus	4X	1	1				-	_			
6KAF6H8382	\$265.00	Bus Bors, DC Link Minus	4X			2	2	S	2				
6KAF6H8599	\$715.00	Bus Bars, DC Bus, After DC Reactor	5X							2	2	2	2
6KAF6H8376	\$670.00	Bus Bors Assy, IGBT	4X	1	1		-	-		-	-	-	6
6KAF6H8377	\$675.00	Bus Bars Assy, IGBT-Inductor	4X			1	1	1	1				
5KAF6H8378	\$690.00	Bus Bars Assy, IGBT-Capacitor	4X			1	1	1	1				
SKAF6H8600	\$3675.00	Bus Bars Assy, IGBT-Inductor	5X	1.20						1	1	1	1
KAF6H8601	\$865.00	Bus Bars Assy, IGBT-Capacitor	5X							3	3	3	3
5KAF6H8390	\$100.00	Bus Bars, IGBT, U V W	AX	3	3	100			1	-	-		
KAF6H8392	\$230.00	Bus Bars, Motor, 2	4X	3	3			110					
KAF6H8383	\$260.00	Bus Bors, Motor, UW	4X			2	2	2	2				
KAF6H8384	\$215.00	Bus Bors, Motor V	4X			1	1	1	1			1.1	-
KAF6H8389	\$220.00	Bus Bars, I-Sensor	4X			3	3	3	3		_		
KAF6H8602	\$1175.00	Bus Bars, IGBT Output	5X							3	3	3	3
KAF6H8603	\$1160.00	Bus Bars, Over Fan Bar	5¥							3	3	3	3
KAF6HB604	\$530.00	Bus Bors, Current Sensor 5352	5X						-	3	3	3	2
KAF6H8605	\$550.00	Bus Bars, Current Sensor \$452-5502	AX	1000	1.		-		1.100	-	-	4	3
KAF6H8397	\$190.00	Bus Born, Broke Plus	4X	1	1								2
KAF6H8398	\$210.00	Bus Bars, Brake Minus	4X	1	1					-	-		
KAF6HB396	\$320.00	Bus Bars, Broke	4X			1	1	1	1				
KAF6H8606	\$8620.00	Bus Bars, Brake Assy	5X		-					1	1	1	
KAF6H8401	\$475.00	Bus Bars, Load Share Plus	AX	1	1			-					4
KAF6H8400	\$460.00	Bus Bors, Lood Shore Minus	4X	1	1								
KAF6H8403	\$655.00	Bus Bars, Load Share Plus	4%	1000		1	1	1	1		-	-	-
	\$655.00	Bus Bars, Load Share Minus	4X			1	1	1	1	-	_		
	83655 AB	Bus Bors, Load Share Plus					- A-						
KAF6H8607	\$2055.00	DOS DOLS, COOD SINDLE PIUS	24										
KAF6H8402 KAF6H8607 KAF6H8702	\$2520.00	Bus Bars, Lood Share Minus	5X 5X	-						1	1	1	1
KAF6H8607			5X 4X	3	3					1	1	1	1



Rev. 8/15 Prices and data subject to change without notice

Drives AF-600FP™ Enclosed Drive Panels

Product Description

The AF-600 FP™ Enclosed Drive Panel is an enclosed version of the stand-alone AF-600 FP Fan and Pump/Variable Torque drive and incorporates contactors, switches, pilot lights and drive byposs functionality. A full range of enclosed drives—in Type 1, slimline or standard, 12 or 3R enclosures—provides contractors a one-stop-shop source for their drive needs.

The available configurations include:

- -208Vac, 460Vac and 575Vac offerings
- —Up to 300HP in standard offering
- -Up to 500HP available as factory quote
- -Up to 650HP in Disconnect Drive
- -Up to 1000HP MultiPulse panels (e.g., 12, 18 or 24 pulse) available as factory quote
- -Slimline NEMA Type 1 enclosure (standard on lower HP units)
- -Traditional NEMA Type 1 enclosure (standard on higher HP units, optional on some lower HP units)
- -Traditional NEMA Type 12 enclosure
- -Traditional NEMA 3R enclosure
- -Disconnect Drive with compact size
- -Non-bypass with full feature set
- -Drive +2 contactor bypass with full feature set
- -Drive +3 contactor bypass with full feature set
- Drive with Redundant Drive bypass to maximize run time performance

The AF-600 FP Panel slimline enclosure saves on space and can reduce installation time in tight spaces. In addition, AF-600 FP Panels can be mounted in "C" channels, further simplifying installation.

Visit http://www.geindustrial.com/drives for additional product information including programming guides, drawings, programming software, an energy savings calculator, and much more.

Control Catalog











Drives AF-600FP™ Enclosed Drive Panels

Product Numbering System Diagram

(Product number for illustrative purposes only)

GE Product Code	Communication Options
	X = Standard
Drive Type	(Modbus RTU,
FP = AF-600FP	Metasys N2 and
	Apogee FLN P1)
	B = Bocnet
Input Voltage	D = DeviceNet
C = 208V	E = Ethernet IP
H = 460V	L = LonWorks*
N = 575V	M = ModBus TCP
	N = ProfiNet RT
Configuration	P = ProfiBus DP
L = Disconnect Drive	
D = Non-Bypass	Control Options
2 = 2 Contactor Bypass	X = None
3 = 3 Contactor Bypass	A = Automotic Byposs
R = Redundant Drive Bypass	G = Anglog I/O Module
	M = Additional Input and Output
HP Rating	R = Loss of Reference Control.
003 = 3 HP	Run @ Preset Speed
010 = 10 HP	S = Smoke Purge
100 = 100 HP	Y = Relay Output Module
	B = A + G $P = G + R + S$
Enclosure Type	C = A + Y $Q = Y + R$
1 = Type 1 G = NEMA 1 with Conformal Coating	D=A+G+R T=Y+5
2 = Type 12 D = NEMA 12 with Conformal Coating	E = A + Y + R $U = M + R + S$
6 = Type 3R R = NEMA 3R with Conformal Coating	F=A+G+S V=Y+R+S
	H=A+Y+5 W=R+5
Reactor	J = A + G + R + S
R = Standard Reactor, eqv 5% Line Impedance	K = A + Y + R + S
F = Equivalent 8% Line Impedance	L = G + R
C = 3% Lood Reactor	N = G + 5
2=F+C	$1 = A + M \qquad 6 = A + R + S$
V = 6.5% Line Impedance	$2 = A + R \qquad 7 = A + M + R + S$
U = 1% Load Reactor	<u>3=A+S</u> B=M+R
	4=A+M+R 9=M+5
	5 = A + M + S
Disconnect/Circuit Breaker	
D = Disconnect, Fused (100k AIC)	Operator Devices (Door Mounted)
C = Circuit Breaker, Mag Break (65k AIC)	X = None (includes HOA)
	E = ETM
	K = Door mounted keypad and USB port
	L = Drive Run & Foult Pilot Lights
*	P = Speed Pot
	$\frac{P = speed Pol}{1 = E + L}$



2 = E + P3 = L + P4 = E + L + P

Drives AF-600FP™ Enclosed Drive Panels Enclosed Disconnect Drive Non-Bypass Pricing

As standard, all Enclosed Disconnect Drives include a fusible disconnect switch and fuses, an A2 rated EMI filter, Modbus RTU, Metasys N2, and Apgee FLN P1 communication protocols, and the equivalent of 5% line reactor

208 Vac. 3-Phase, 60Hz Input Power

Variable						List Pric	e Adders, GO-56	FPP		
Torque HP Rating	AF-600 FP Panel Product No.	List Price GO-SFPP	Conformal Coating	Circuit Breaker	8% AC Line Impedance ¹	6.5% AC Line Impedance ¹	3% Load Reactor	1.0% Load Reactor	Door Mounted Keypad	Communications & Option Boards
1	6KFPCL0011ADXXX	\$1900.00	\$210.00	\$636.00	\$469.00	\$400.00	\$603.00	N/A	N/A	
2	6KFPCL0021RDXXX	\$1940.00	\$210.00	\$636.00	\$469.00	\$400.00	\$603.00	N/A	N/A	
3	6KFPCL0031RDXXX	\$2065.00	\$210.00	\$636.00	\$469.00	\$400.00	\$603.00	N/A	N/A	All
7.0	6KFPCL0051RDXXX	\$2500.00	\$210.00	\$636.00	\$593.00	\$510.00	\$610.00	N/A	N/A	communication
7.5	6KFPCL0071RDXXX	\$3000.00	\$210.00	\$636.00	\$654.00	\$585.00	\$813.00	N/A	N/A	and option
10	6KFPCL0101RDXXX	\$3440.00	\$210.00	\$636.00	\$717.00	\$610.00	\$880.00	N/A	N/A	boards are field
15	6KFPCL0151RDXXX	\$4170.00	\$210.00	\$636.00	\$905.00	\$775.00	\$917.00	N/A	N/A	installable.
20	6KFPCL0201RDXXX	\$4935.00	\$210.00	\$755.00	\$999.00	\$850.00	\$945.00	N/A	N/A	Please select
25	6KFPCL0251R0XXX	\$6075.00	\$210.00	\$766.00	\$1170.00	\$995.00	\$1333.00	N/A	N/A	from core
30	6KFPCL0301RDXXX	\$8910.00	\$210.00	\$766.00	\$1170.00	\$995.00	\$1333.00	N/A	N/A	product
40	6KFPCL0401RDXXX	\$10660.00	\$210.00	\$1590.00	\$1243.00	\$1060.00	\$1567.00	N/A	N/A	bu magazer.
50	6KFPCL0501RDXXX	\$12170.00	\$210.00	\$1845.00	\$1418.00	\$1210.00	\$2213.00	N/A	N/A	
60	6KFPCL0601R0XXX	\$15440.00	\$210.00	\$1845.00	\$1506.00	\$1280.00	\$2399.00	N/A	N/A	

460 Vac, 3-Phase, 60Hz Input Power

Variable						List Price	Adders, GO-5F	90		
Torque HP Rating	AF-500 FP Ponel Product No.	List Price GO-SFPP	Conformal Coating	Circuit Breaker	8% AC Line Impedance ¹	6.5% AC Line Impedance ¹	3% Load Reactor	1.0% Load Reactor	Door Mounted Keypad	Communications
1	6KFPHL0011RDXXX	\$1990.00	\$210.00	\$636.00	\$530.00	\$455.00	\$570.00	\$485.00		6 Option Boards
2	6KFPHL0021RDXXX	\$2025.00	\$210.00	\$636.00	\$530.00	\$455.00	\$570.00	\$485.00	N/A	
3	6KFPHL0031RDXXX	\$2275.00	\$210.00	\$636.00	\$530.00	\$455.00	\$570.00	\$485.00	N/A	
5	6KFPHL0051RDXXX	\$2510.00	\$210.00	\$636.00	\$553.00	\$470.00	\$580.00	\$495.00	N/A	
7.5	6KFPHL0071RDXXX	\$2735.00	\$210.00	\$636.00	\$620.00	\$530.00	\$603.00		N/A	
10	6KFPHL0101RDXXX	\$3125.00	\$210.00	\$636.00	\$778.00	\$665.00	\$610.00	\$515.00	N/A	
15	6KFPHL0151RDXXX	\$3480.00	\$210.00	\$636.00	\$808.00	\$690.00	The second se	\$520.00	N/A	
20	6KFPHL0201R0XXX	\$4010.00	\$210.00	\$636.00	\$1069.00	\$910.00	\$813.00	\$700.00	N/A	
25	6KFPHL0251RDXXX	\$4525.00	\$210.00	\$636.00	\$1069.00	\$910.00	\$880.00	\$750.00	N/A	All
10	6KFPHL0301RDXXX	\$5450.00	\$210.00	\$636.00	\$1214.00	\$1035.00	\$880.00	\$750.00		communication
0	6KFPHL0401RDXXX	\$7385.00	\$210.00	\$755.00	\$1214.00	and the second s	\$917.00	\$780.00	<u>N/A</u>	and option
50	6KFPHL0501R0XXX	\$8155.00	\$210.00	\$755.00	\$1266.00	\$1035.00	\$945.00	\$810.00	N/A	boards are field
0	6KFPHL0601RDXXX	\$9400.00	\$210.00	\$766.00		\$1080.00	\$1333.00	\$1135.00	N/A	installable
5	6KFPHL0751RDXXX	\$10875.00	\$210.00	\$1590.00	\$1266.00	\$1050.00	\$1333.00	\$1135.00	N/A	
00	6KFPHL1001R0XXX	\$14325.00	\$210.00		\$1320.00	\$1125.00	\$1567.00	\$1335.00	N/A	Please select
25	6KFPHL1251RDXXX	\$17235.00	\$210.00	\$1845.00	\$1530.00	\$1310.00	\$2213.00	\$1885.00	<u>N/A</u>	from core
50	6KFPHL1S01RDXXX	\$21770.00		\$1845.00	\$1620.00	\$1380.00	\$2399.00	\$2040.00	N/A	product
200	6KFPHL2001RDXXX	\$25050.00	\$705.00	\$1845.00	\$1691.00	\$1440.00	\$2511.00	\$2135.00	\$600.00	
50	6KFPHL2501RDXXX		\$705.00	\$2575.00	\$1850.00	\$1575.00	\$2570.00	\$2185.00	\$600.00	
00	6KFPHL3001RDXXX	\$30210.00	\$705.00	\$2575.00	\$1954.00	\$1665.00	\$2761.00	\$2350.00	\$600.00	
50		\$35700.00	\$705.00	\$4191.00	\$1954.00	\$1665.00	\$3104.00	\$2640.00	\$600.00	
50	6KFPHL3S01RDXXX	\$45000.00	\$705.00	\$5867.00	\$2188.00	\$1660.00	\$3280.00	\$2800.00	\$600.00	
	6KFPHL450GRDXXX	\$60000.00	Std	\$6845.00	\$3000.00	\$2550.00	\$3565.00	\$3026.00	\$600.00	
00	6KFPHL500GRDXXX	\$70000.00	Std	\$8800.00	\$3800.00	\$3230.00	\$4510.00	\$3833.00	\$600.00	
50	6KFPHL550GRDXXX	\$80000.00	Std	\$9780.00	\$4200.00	\$3570.00	\$4985.00	\$4237.00	\$600.00	
500	6KFPHL600GRDXXX	\$89000.00	Std	\$10760.00	\$4600.00	\$3910.00	\$5460.00	\$4640.00	\$600.00	

¹Drive comes standard with 5% line impedance via DC Link Reactor.



Drives AF-600FP™ Enclosed Drive Panels Enclosed Disconnect Drive Non-Bypass Pricing

Section 15

575 Vac, 3-Phase, 60Hz Input Power

Variable						List Price	Adders, GO-SF	PP		
Torque HP	AF-600 FP Panel	List Price	Conformal	Circuit	8% AC Line	6.5% AC Line	3% Load	1.0% Load	Door Mounted	Communications
Rating	Product No.	GO-SFPP	Coating	Breaker	Impedance ¹	Impedance ¹	Reactor	Reactor	Keypad	& Option Boards
1	6KFPNL0011RDXXX	\$2950.00	\$210.00	\$536.00	\$530.00	\$455.00	\$570.00	\$485.00	N/A	
2	6KFPNL0021RDXXX	\$3000.00	\$210.00	\$636.00	\$530.00	\$455.00	\$570.00	\$485.00	N/A	
l	6KFPNL0031RDXXX	\$3100.00	\$210.00	\$636.00	\$\$30.00	\$455.00	\$\$70.00	\$485.00	N/A	
	6KFPNL0051RDXXX	\$3310.00	\$210.00	\$636.00	\$553.00	\$470.00	\$560.00	\$495.00	N/A	
.5	6KFPNL0071RDXXX	\$3600.00	\$210.00	\$636.00	\$620.00	\$530.00	\$603.00	\$515.00	N/A	
0	6KFPNL0101RDXXX	\$4110.00	\$210.00	\$636.00	\$778.00	\$665.00	\$610.00	\$520.00	N/A	
5	6KFPNL0151RDXXX	\$4635.00	\$210.00	\$636.00	\$808.00	\$690.00	\$813.00	\$700.00	N/A	
00	6KFPNL0201RDXXX	\$5270.00	\$210.00	\$636.00	\$1069.00	\$910.00	\$880.00	\$750.00	N/A	
5	6KFPNL0251RDXXX	\$5935.00	\$210.00	\$636.00	\$1069.00	\$910.00	\$880.00	\$750.00	N/A	
0	6KFPNL0301RDXXX	\$7140.00	\$210.00	\$635.00	\$1214.00	\$1035.00	\$917.00	\$780.00	N/A	All
0	6KFPNL0401RDXXX	\$9660.00	\$210.00	\$755.00	\$1214.00	\$1035.00	\$945.00	\$810.00	N/A	communicatio
0	6KFPNL0501RDXXX	\$10790.00	\$210.00	\$765.00	\$1266.00	\$1080.00	\$1333.00	\$1135.00	N/A	ond option
0	6KFPNL0601RDXXX	\$12310.00	\$210.00	\$766.00	\$1266.00	\$1080.00	\$1333.00	\$1135.00	N/A	boards are fiel
5	6KFPNL0751ROXXX	\$14225.00	\$210.00	\$1590.00	\$1320.00	\$1125.00	\$1567.00	\$1335.00	N/A	installable.
00	6KFPNL1001RDXXX	\$18975.00	\$210.00	\$1845.00	\$1530.00	\$1310.00	\$2213.00	\$1885.00	N/A	Please select
25	6KFPNL1251RDXXX	\$22555.00	\$210.00	\$1845.00	\$1620.00	\$1380.00	\$2399.00	\$2040.00	N/A	from core
50	6KFPNL150GRDXXX	\$34100.00	Std	\$1845.00	\$1691.00	\$1440.00	\$2511.00	\$2135.00	\$600.00	product
00	6KFPNL200GRDXXX	\$34760.00	Std	\$2575.00	\$1850.00	\$1575.00	\$2570.00	\$2185.00	\$600.00	
50	6KFPNL2SOGRDXXX	\$41725.00	Std	\$2575.00	\$1954.00	\$1665.00	\$2761.00	\$2350.00	\$600.00	
00	5KFPNL300GRDXXX	\$49135.00	Std	\$4191.00	\$1954.00	\$1665.00	\$3104.00	\$2640.00	\$600.00	
50	6KFPNL350GRDXXX	\$60750.00	5td	\$5867.00	\$2188.00	\$1860.00	\$3280.00	\$2800.00	\$600.00	
00	6KFPNL400GRDXXX	\$81000.00	5td	\$6845.00	\$3000.00	\$2550.00	\$3565.00	\$3026.00	\$600.00	
50	6KFPNL450GRDXXX	\$94500.00	Std	\$8800.00	\$3800.00	\$3230.00	\$4510.00	\$3833.00	\$600.00	
00	6KFPNL500GRDXXX	\$108000.00	Std	\$9780.00	\$4200.00	\$3570.00	\$4985.00	\$4237.00	\$600.00	
00	6KFPN1600GRDXXX	\$120150.00	Std	\$10760.00	\$4600.00	\$3910.00	\$5460.00	\$4640.00	\$600.00	
50	6KFPNL650GRDXXX	\$130950.00	Std	\$11725.00	\$5000.00	\$4250.00	\$5935.00	\$5050.00	\$600.00	

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¹Drive comes standard with 5% line impedance via DC Link Reactor.



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Drives AF-600FP[™] Enclosed Drive Panels Enclosed Non-Bypass Drives Pricing

As standard, all Enclosed Non-Bypass Drives include a fusible disconnect switch and fuses, a door-mounted keypad, an HOA operator, an E-Stop button (for ULS08A compliance), power on and enable lights, a customer terminal board for control connection, an A2 rated EMI filter, Modbus RTU, Metasys N2, and Apgee FLN P1 communication protocols and the equivalent of 5% line reactor.

208 Vac, 3-Phase, 60Hz Input Power

Variable		Max.				List Price A	dders, GO-SFPP		
Torque HP Rating	AF-600 FP Ponel Product No.	Cont. Current	List Price GO-SFPP	NEMA 12 Enclosure	NEMA 3R Enclosure	Conformal Coating	8% AC Line Impedance ¹	3% Lood Reactor	Circuit Breaker
2	6KFPCD0021RDXXX	.7.5	52088.00	\$570.00	\$1000.00	\$210.00	\$469.00	\$603.00	\$636.00
3	6KFPCD0031RDXXX	10.5	\$2215.00	\$570.00	\$1000.00	\$210.00	\$469.00	\$603.00	\$635.00
	6KFPCD0051RDXXX	167	\$2642.00	\$570.00	\$1000.00	\$210.00	\$593.00	\$610.00	\$636.00
5	6KFPCD0071RDXXX	24 2	\$3195.00	\$\$90.00	\$1500.00	\$210.00	\$684.00	\$813.00	\$636.00
0	6KFPCD0101RDXXX	30 8	\$3636.00	\$590.00	\$1500.00	\$210.00	\$717.00	\$880.00	\$636.00
	6KFPCD0151RDXXX	46 2	\$4369.00	\$590.00	\$1750.00	\$210.00	\$905.00	\$917.00	\$636.00
)	6KFPCD0201RDXXX	59.4	\$5135.00	\$740.00	\$1750.00	\$210.00	\$999.00	\$945.00	\$755.00
5	6KFPCD0251RDXXX	748	\$6373.00	\$740.00	\$2000.00	\$210.00	\$1170.00	\$1333.00	\$766.00
D	6KFPCD0301RDX0X	88 0	\$9210.00	\$740.00	\$2000.00	\$210.00	\$1170.00	\$1333.00	\$766.00
)	6KFPCD0401RDXXX	115	\$11180.00	\$894.00	\$2500.00	\$210.00	\$1243.00	\$1567.00	\$1590.00
}	6KFPCD0S01RDXXX	143	\$12670.00	\$1014.00	\$3500.00	\$210.00	\$1418.00	\$2213.00	\$1845.00
0	6KFPCD0601RDXXX	170	\$15938.00	\$1275.00	\$3500.00	\$210.00	\$1506.00	\$2399.00	\$1845.00

460 Vac, 3-Phase, 60Hz Input Power

Variable		Μακ.		List Price Adders, GO-5FPP					
Torque HP Rating	AF-500 FP Panel Product No.	Cont. Current	List Price GO-SFPP	NEMA 12 Enclosure	NEMA 3R Enclosure	Conformal Coating	8% AC Line	3% Lood	Circuit
				enteresette	GIRAGIG	General	Impedance ¹	Reactor	Breaker
<u> </u>	6KFPHD0021RDXXX	34	\$2175.00	\$570.00	\$1000.00	\$210.00	\$530.00	\$570.00	\$636.00
2	6KFPHD0031RDXXX	48	\$2422.00	\$570.00	\$1000.00	\$210.00	\$530.00	\$570.00	\$636.00
	6KFPHD0051RDXXX	8.2	\$2657.00	\$570.00	\$1000.00	\$210.00	\$553.00	\$580.00	\$636.00
.5	6KFPHD0071RDXXX	110	\$2882.00	\$570.00	\$1250.00	\$210.00	\$520.00	\$603.00	\$636.00
0	6KFPHD0101RDXXX	145	\$3271.00	\$570.00	\$1250.00	\$210.00	\$778.00	\$610.00	\$636.00
5	6KFPHD0151RDXXX	210	\$3679.00	\$570.00	\$1500.00	\$210.00	\$808.00	\$813.00	\$636.00
0	6KFPHD0201RDXXX	27.0	\$4208.00	\$590.00	\$1500.00	\$210.00	\$1069.00	\$880.00	\$636.00
5	6KFPHO0251RDXXX	340	\$4719.00	\$590.00	\$1750.00	\$210.00	\$1069.00	\$880.00	\$636.00
0	6KFPHD0301RDXXX	40.0	\$5644.00	\$590.00	\$1750.00	\$210.00	\$1214.00	\$917.00	\$636.00
0	6KFPHD0401RDXXX	52.0	\$7582.00	\$740.00	\$1750.00	\$210.00	\$1214.00	\$945.00	\$755.00
0	6KFPHD0501RDXXX	65.0	\$8453.00	\$740.00	\$2000.00	\$210.00	\$1266.00	\$1333.00	\$755.00
0	6KFPHD0601RDXXX	80.0	\$9697.00	\$740.00	\$2000.00	\$210.00	\$1266.00	\$1333.00	\$766.00
5	6KFPHD0751RDXXX	105.0	\$11174.00	\$890.00	\$2500.00	\$210.00	\$1320.00	\$1567.00	\$1590.00
00	6KFPHD1001RDXXX	130	\$14824.00	\$1186.00	\$3500.00	\$210.00	\$1530.00	\$2213.00	\$1845.00
25	6KFPHD1251RDXXX	160	\$17735.00	\$1419.00	\$3500.00	\$210.00	\$1620.00	\$2399.00	\$1645.00
50	6KFPHD1501RDXXX	190	\$22466.00	\$1797.00	\$4000.00	\$705.00	\$1691.00	\$2511.00	\$1845.00
	6KFPHD2001RDXXX	240	\$25745.00	\$2060.00	N/A	\$705.00	\$1850.00	\$2570.00	\$2575.00
50	6KFPHD2501RDXXX	302	\$30906.00	\$2472.00	N/A	\$705.00	\$1954.00	\$2761.00	\$2575.00
00	6KFPHD3001RDXXX	361	\$36396.00	\$2912.00	N/A	\$705.00	\$1954.00	\$3104.00	\$4191.00

575 Vac, 3-Phase, 60Hz Input Power

Variable		Мах.		List Price Adders, GO-SFPP						
orque HP	AF-600 FP Panel	Cont.	List Price	NEMA 12	NEMA 3R	Conformal	5% AC Line	3% Lood	Circuit	
lating	Product No.	Current	GO-SFPP	Enclosure	Enclosure	Coating	(mpedance1	Reactor	Breaker	
st	6KFPND0021RDXXX	2.7	\$3150.00	\$\$70.00	\$1000.00	\$210.00	\$530.00	\$570.00	\$636.00	
	6KFPND0031RDXXX	39	\$3250.00	\$570.00	\$1000.00	\$210.00	\$530.00	\$570.00	\$636.00	
	5KFPND0051RDXXX	61	\$3454.00	\$570.00	\$1000.00	\$210.00	\$553.00	\$580.00	\$636.00	
5	6KFPND0071RDXXX	90	\$3745.00	\$570.00	\$1250.00	\$210.00	\$620.00	\$603.00	\$635.00	
0	6KFPND0101RDXXX	110	\$4252.00	\$\$70.00	\$1250.00	\$210.00	\$778.00	\$610.00	\$636.00	
5	6KFPND0151RDXXX	18 0	\$4763.00	\$ 570.00	\$1500.00	\$210.00	\$808.00	\$813.00	\$636.00	
0	6KFPND0201RDXXX	22.0	\$\$470.00	\$590.00	\$1500.00	\$210.00	\$1069.00	\$860.00	\$636.00	
5	6KFPND0251RDXXX	27.0	\$6135.00	\$590.00	\$1750.00	\$210.00	\$1069.00	\$880.00	\$636.00	
0	6KFPND0301RDXXX	340	\$7337.00	\$590.00	\$1750.00	\$210.00	\$1214.00	\$917.00	\$636.00	
)	6KFPND0401RDXXX	410	\$9856.00	\$740.00	\$1750.00	\$210.00	\$1214.00	\$945.00	\$755.00	
0	6KFPNDOSD1RDXXX	52 0	\$10990.00	\$740.00	\$2000.00	\$210.00	\$1266.00	\$1333.00	\$755.00	
)	6KFPND0601RDXXX	62.0	\$12606.00	\$740.00	\$2000.00	\$210.00	\$1266.00	\$1333.00	\$766.00	
5	6KFPND0751RDXXX	B3 0	\$14525.00	\$590.00	\$2500.00	\$210.00	\$1320.00	\$1567.00		
00	6KFPND1001RDXXX	100	\$19271.00	\$1542.00	\$3500.00	\$210.00	\$1530.00	and the second s	\$1590.00	
25	6KFPND1251RDXXX	131	\$23055.00	\$1844.00	\$3500.00	\$210.00		\$2213.00	\$1845.00	
50	6KFPND1501RDXXX	155	\$34583.00	\$2767.00	\$4000.00	\$705.00	\$1620.00	\$2399.00	\$1845.00	

¹Drive comes standard with 5% line impedance via DC Link Reactor.



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Commission of Ohio Docketing Information System on

12/6/2018 1:49:08 PM

in

Case No(s). 18-1808-EL-EEC

Summary: Application Application to Commit Energy Efficiency/Peak Demand Reduction Programs (Mercantile Customers Only) PART 4 electronically filed by Carys Cochern on behalf of Duke Energy