



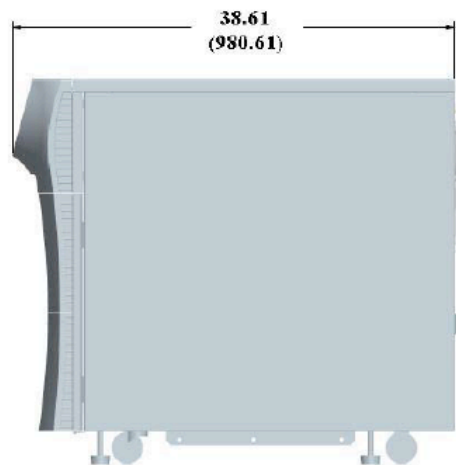
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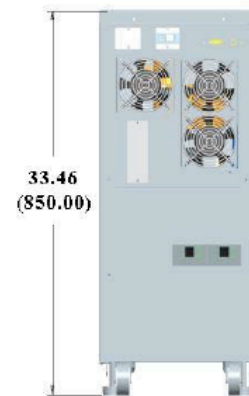
Powervar ABCDEF8000-22



FRONT



SIDE



REAR

NOISE REJECTION-ISOLATION: With unit under power and an ANSI/IEEE C62.41Cat. A pulse applied either normal or common mode at the input, the noise output voltage will be less than 10V normal mode and less than 0.5V common mode in all four quadrants (CM-NM, NMNM, CM-CM, NM-CM).

SURGE VOLTAGE WITHSTAND CAPABILITY: Tested under power to ANSI/IEEE C62.41 Cat. A & B (formerly IEEE587-1980). Cat. A - 6000V @ 200 amps, 0.5 usec risetime, 100 kHz decay, Cat. B - 6000V @ 500 amps, 0.5 usec risetime, 100 kHz decay.

	Model	ABCDEF8000-22				
	Topology	True On-Line, Double Conversion, IGBT Design, Internal Isolation Transformer				
INPUT	Voltage (VAC)	200	208	220	230	240
	Voltage Range (VAC)	140-230	146-239	154-253	161-264	168-276
	Voltage Tolerance	+15% ~ -30% before switching to batteries				
	Frequency (Hz)	50/60				
	Frequency Tolerance	42Hz to 69Hz before switching to batteries				
	Input PF	>0.95				
	Input Current THD	< 5.0%				
	Input Connection	Hardwired Standard; Line Cord Optional (Consult factory)				
OUTPUT	Capacity	8000VA/ 7200W				
	Voltage (VAC)	200	120/208/240	220	230	120/208/240
	Voltage Regulation	±3.0% Max; ±1.0% Normal				
	Output Voltage THD	<3.0%				
	Power Factor	0.9				
	Step Load Response	±4.0% for 50% step load change ±6.0% for 100% step load change Return to ±3.0% of nominal within 3 cycles				
	Crest Factor	3:1				
	Frequency (Hz)	50 or 60				
	Frequency Regulation	±0.1Hz				
	Overload	125% for 2 minutes 150% for 30 seconds 300% for 500ms				
	Efficiency	AC-AC >87.0% DC-AC >85.0%				
	Common Mode Noise	< 0.5Vrms				
	Output Connection	Hardwired Standard; Output Receptacles Optional (Consult factory)				
BYPASS	Input Voltage (VAC)	200	208	220	230	240
	Output Voltage (VAC)	200	120/208/240	220	230	120/208/240
	Transformer Voltage Regulation	±3.0%				
	Overload	125% for 10 minutes 150% for 500ms 1000% for 1 cycle				
	Efficiency	>95.0%				

*Hardwire unit is standard. Plug & receptacle is optional. Contact factory for part numbers.

BATTERY	Voltage (VDC)	288.0, nominal 327.6, float
	Battery	12V, 34W flame retardant High Rate, Sealed Lead-Acid
	Quantity	24
	Charge Current (ADC)	2.5
	Backup Time (min)	>5.0
	Recharge Time	8 Hours to 90%
ENVIRONMENT		
ENVIRONMENT	Temperature (°C)	0 to 40, operating -20 to 60, transit
	Altitude (m)	2,000, operating 12,000, transit
	Humidity	5.0% to 90.0%, non condensing
	Audible (dBA)	55-60 @ 1m from front of unit
	Heat Dissipation (BTU/hr)	4239
AGENCIES		
AGENCIES	EMC	FCC Part 15J Class A EN 55022 Class A/ CISPR 22 EN 50091-2 IEC 61000-3-2
	Safety Agencies	UL1778, 4th Ed. cUL to CSA22.2 No.107.1 IEC62040, w/CB report and certificate IEC61000-4-2, Electrostatic Discharge IEC61000-4-3, Radiated Electromagnetic Field Immunity IEC61000-4-4, Electrical Fast Transient/ Burst Immunity IEC61000-4-5, Surge Immunity IEC61000-4-6, Immunity to Conducted Radio Frequency Disturbances IEC61000-4-8, Power Frequency Magnetic Field Immunity IEC61000-4-11, Voltage Dips, Short Interruptions, and Voltage Variations
	RoHS	All units are RoHS compliant

*Hardwire unit is standard. Plug & receptacle is optional. Contact factory for part numbers.

OTHER	Communication	RS-232 USB DB-9 Dry Contacts Internal SNMP Adapter (option)
	Unit Weight	449.0 lbs./ 203.7kg
	Shipping Weight	641.5 lbs./ 291.0kg



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