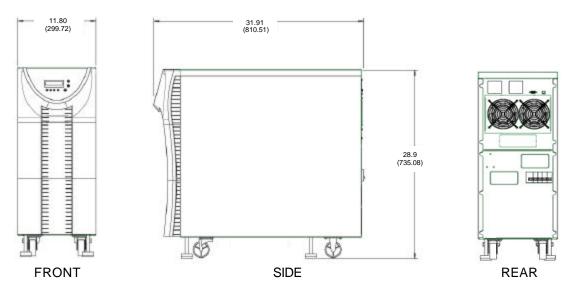


SPECIFICATIONS



	Model	ABCDEF6000-22					
	Topology	True On-Line, Double-Conversion, IGBT Design, Internal Isolation Transformer					
	Voltage (VAC)	200	208	220	230	240	
	Voltage Range (VAC)	140-230	146-239	154-253	161-264	168-276	
INPUT	Voltage Tolerance	+ 15% ~ -30% before switching to batteries					
	Frequency (Hz)	50/60					
	Frequency Tolerance	42 Hz to 69 Hz before switching to batteries					
	Input PF	> 0.95					
	Input Current THD	< 5.0%					
	Input Connection	Hardwired Standard; Line Cord Optional (Consult factory)					
	Input Capacity	6480 VA					
	Capacity	6000VA/ 540					
	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					
OUTPUT		Return to ±3.0% of nominal within 3 cycles					
	Crest Factor	3:1					
	Frequency (Hz)	50/60					
0	Frequency Regulation	± 0.1Hz					
	Overload	125% for 2 minutes					
		150% for 30 seconds					
		300% for 500ms					
	Efficiency	AC-AC >85.0%					
		DC-AC >81.0%					
	Common Mode Noise	< 0.5 VRMS					
	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	± 3.0%	120/206/240	220	230	120/200/240	
		± 3.U70					
	Regulation	4050/ for 40 minutes					
	Overload	125% for 10 minutes 150% for 500ms					
		1000% for 1 cycle					
	Efficiency	> 95.0%					
ii	Efficiency	> 95.0%					



SPECIFICATIONS

	Voltage (VDC)	96.0, nominal				
	vollago (VDO)	109.2. float				
BATTERY	Battery	12V. 34W flame retardant				
	Battery	High Rate, Sealed Lead-Acid				
ΙË	Quantity	16				
ΙF	Charge Current (ADC)	3.0				
æ						
	Backup Time (min)	>6.0				
	Recharge Time	8 Hours to 90%				
	_					
L_	Temperature (°C)					
 		-20 to 60, transit				
	Altitude (m)	2,000, operating				
Ž		12,000, transit				
2	Humidity	5.0% to 90.0%, non condensing				
ENVIRONMENT	Audible (dBA)	50-55 @ 1m from front of unit				
Ż	Heat Dissipation (BTU/hr)	3252				
ш —	(= 1 5,)	1				
	LEMC	FCC Part 15J Class A				
	LIVIO	EN 55022 Class A/ CISPR 22				
		EN 50091-2				
		IEC 61000-3-2				
	Safety Agencies	UL1778 4 th Ed.				
	Salety Agencies	CUL to CSA22.2 No.107.1				
ပ္ပ		CE:				
1 #		IEC62040, w/CB report and certificate				
AGENCIES		IEC61000-4-2, Electrostatic Discharge				
H H		IEC61000-4-2, Electrostatic Discharge IEC61000-4-3, Radiated Electromagnetic Field Immunity				
¥		IEC61000-4-3, Radiated Electromagnetic Field Immunity IEC61000-4-4, Electrical Fast Transient/ Burst Immunity				
		IEC61000-4-4, Electrical Past Transfer of Burst Infiliating				
		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				
	RUNS	All utilis are Korio compilant				
	Communication	RS-232				
	Communication	USB				
~		DB-9 Dry Contacts				
出		Internal SNMP Adapter (option)				
отнек						
Ö						
	Unit Weight	348 lbs. / 157 kg.				
	Shipping Weight	443 lbs. / 200 kg.				
	Plug & Receptacle	Hardwired				
	<u> </u>	1				

Warranty/Support: POWERVAR warrants the electronics and transformers used in its uninterruptible power managers to be free from defects in materials and workmanship for a period of three years from the date of shipment. Batteries are warranted for a period of two years from the date of shipment for standby use; 90 days for cyclic use. For North American service or support on any POWERVAR product, please contact POWERVAR Technical Support at (800) 369-7179 (in Illinois call (847-596-7000). For service and support in EMEA, contact POWERVAR, Ltd. in the United Kingdom at +44 (0) 1793 553980. Or visit the POWERVAR website at **www.powervar.com**.

<u>Battery Life Disclaimer</u>: Powervar's standard battery warranty applies only to UPS and UPM products which are continuously connected to AC mains power, except during utility power outages. Products which are regularly and intentionally disconnected from AC mains power will experience battery discharge/charge cycles potentially far more numerous than those for which the battery was designed. As a result, products used in such applications will experience substantially reduced battery life. For that reason, Powervar's standard battery warranty does not apply for applications in which the UPS or UPM product is regularly and intentionally disconnected from AC mains power. Powervar UPS and UPM products used in such applications shall receive a 90 day warranty on batteries.

POWERVAR, Inc. - 1450 Lakeside Drive, Waukegan, IL 60085
POWERVAR, Ltd. - Unit 5 Birch, Kembrey Park, Swindon, Wiltshire, UK SN2 8UU