PowerHub

Providing Optimum Outdoor Power To Your Business

OMEGA UPS

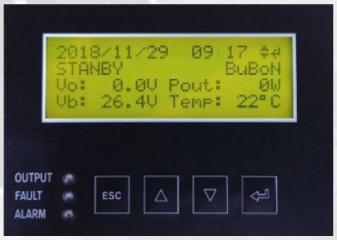
- Line Interactive UPS Design
- Pure Sinewave Output
- Automatic Voltage Regulator (AVR)
- Simple and Clear LCD Indicator
- Wide Operating Temperature (-37°C to +74°C)

Model: Omega 1100 (1100VA)

Model: Omega 2000 (2000VA)

PowerHub Omega UPS is designed for industrial and outdoor usage and is meant to operate in harsh environment with temperature range between -37℃ to +74℃. Armed with high performance output power factor of 1.0, auto voltage regulator (AVR) that stabilizes fluctuate voltage, programmable dry contacts for better power management and real-time UPS status monitoring make PowerHub Omega UPS an ideal choice for any outdoor applications.

Features:



Accurate Message Deliver
4-line 20 character display: High contrast monitor remains the same display sharpness while under sunlight.

Programmable Dry Contacts
6 outputs and 1 input programmable dry contact to monitor UPS status.

Flexible Communication Method
With communication slot, UPS status and scheduled action could easily be collected from system monitoring.

Built-in AVR Function
Fluctuating voltage, undervoltage and overvoltage power quality issues can be resolved with built-in AVR features of the UPS.

Generator Mode Compatibility
Generator mode allows wider variation of input voltages and frequency while AC generator is applied.

Various mode of Communication
Mode of communication:
- USB B Type
- RS-232
- SNMP Ethernet port (optional)

UPS Monitoring
UPS monitoring software is available to display UPS information using a web browser.

TECHNICAL SPECIFICATION

Model		Omega 650	Omega 1100	Omega 2000	Omega 2500	Omega 3000
Capacity						
VA		650VA	1100VA	2000VA	2500VA	3000VA
Watts		650W	1100W	2000W	2500W	3000W
Input						
Voltage		120 VAC ±25% / 220/230/240 VAC ±25%			220/230/240 VAC ±25%	
Frequency		120 VAC 60Hz/ 220/230/240 VAC 50/60Hz				
Output						
Waveform		Pure Sine Wave				
Voltage		120 VAC or 220/230/240 VAC		220/230/240 VAC		
Frequency		50Hz / 60Hz ±0.5Hz				
Transfer Time	Normal Mode (Max) Generator Mode (Max)	12ms 25ms				
AC Input & Output Connectors		Terminal Block , Anderson PP45 Quick connector, IEC socket				
Protection						
Full Protection		Overload , Breaker				
Management & Communication						
Communication Port		RS232 , USB B Type, SNMP card (Option)				
Physical						
Dimension (WxDxH) (mm)		432 x 254 x 88.6 (2U)		432 x 254 x 133 (3U)	432 x 320 x 133 (3U)	432 x 460 x 133 (3U)
Weight (Kg)		13		21	21	34
Shipping Dimensions (mm)		540 x 388 x 233		540 x 388 x 277	540 x 454 x 277	540 x 553 x 379
Shipping Weight (kg)		14		23	24	46
Indicators						
LCD Display		4 Line Multi-function LCD				
LED Display		Output Status, Alarm, Fault LED				
Environmental						
Operating Temperature		-37 to +74°C				
Operating Humidity		0-95% RH (Non-condensing)				
Audible Noise		Less than 50 dB		Less than 60 dB		
Battery						
String		24 VDC / 48 VDC		48 VDC		
Type		Lead-acid Battery				
Max Charge Current		10A				

* Specifications are subjected to change without further notice
* Specifications are for reference, actual information should be based on real product
* No derating under full temperature range

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Printed in Singapore
Rev 2.0 – JAN 2021