



## Powerstar PS6003rm3UXL (26" deep)

# PowerStar



Line Interactive type UPS wired for Delta power Shipboard  
30G rated Dual pole circuit breaker- 100G breaker available  
Auto Boost and Trim voltage trim without using Inverter  
Varying levels of ruggedization available to meet your needs  
Smart UPS tests itself and batteries periodically  
Auto restart after a full run upon utility restoration  
Cold Start capable- Can be used as a remote AC power source in the field  
Hot swappable batteries –replace through front panel while unit is online  
Output Power Capacity 2700 Watts / 3000 VA  
Nominal Output Voltage 120V or *International PS6003rm3uiXL model @230V also available*  
Output Voltage Distortion Less than 5% at full load  
Output Frequency (sync to mains) 47 - 53 Hz for 50 Hz nominal, 57 - 63 Hz for 60 Hz nominal  
Crest Factor up to 5: 1  
Waveform Type Sine wave  
Output Connections (standard US model)


(9) NEMA 5-15R 

(2) NEMA 5-20R 

Output Connections -optional L5-30R (*Mil available contact us for other connections*)

### Input

Nominal Input Voltage 120V, 230V *for i model*  
Input Frequency 50/60 Hz +/- 3 Hz (auto sensing)

Input Connections NEMA L5-30P 

*PS6003rm3uiXL IEC-320 C20 ,*

*Schuko CEE 7 / EU1-16P*

*British BS1363A*

Cord Length 8 feet (2.44 meters)

Input voltage range for main operations 82 - 144V , *186-286V i model*

Input voltage adjustable range for mains operation 75 - 154V , *151-302V i model*

Transfer Time 2-4 ms. This is less than ¼ of a cycle- your equipment should handle a 20ms hit.

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### Batteries & Runtime (A)

Battery Type Maintenance-free sealed Lead-Acid battery with suspended electrolyte: leakproof

Typical recharge time 3 hour(s)

Replacement Battery PSRBC105 (*high temperature long life batteries available for this unit*)

Typical Backup Time at Half Load 15.0 minutes (1350 Watts)

Typical Backup Time at Full Load 5.4 minutes (2700 Watts)

Typical Backup Time at 900 Watts= 31 minutes

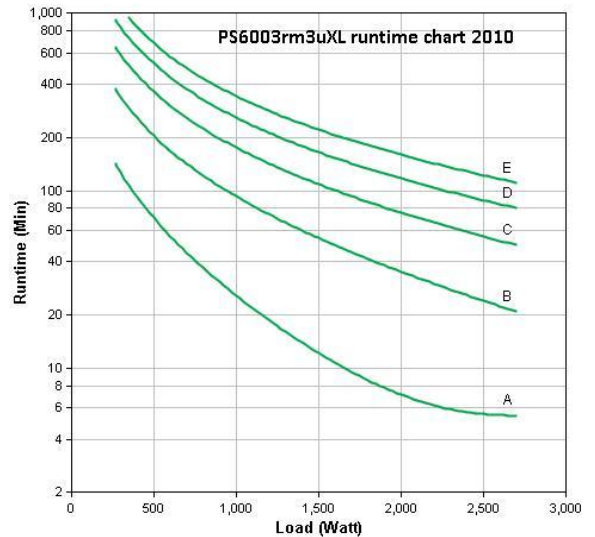
### Runtime with 1 additional 3u battery pack 26" deep (159 lb) PS6003-3uBP (B)

Typical Backup Time at Half Load 63 minutes (1350 Watts)

Typical Backup Time at Full Load 21 minutes (2700 Watts)

Typical Backup Time at 900 Watts= 106 minutes

Typical Backup Time = 30 minutes @2100 Watts



### Interface Port(s)

DB-9 RS-232, USB, SmartSlot™, EPO

1 Available SmartSlot™ Interface (for SNMP Network card PS9617)-Environmental monitor or contact closures board are available to signal status of UPS and control it.

Communicate to the UPS with Powerchute™ software- supplied with each unit.

Emergency Power OFF contacts- connect an external low current simple closure switch to disable UPS for Fire or other Emergency.

Connect a PC with Windows XP™ or above to USB and Windows will configure itself to work with the UPS for graceful shutdown capability.

### Control panel

LED status display with **Load** and **Battery bar-graphs**. Also **On Line**, **On Battery**, **Replace Battery**, and **Overload** Indicators also Auto Voltage Regulator **Buck and Boost** indicators

**I- On** /self Test push button, **o- Off** push button

Audible Alarm -Alarm when on battery: distinctive low battery alarm: configurable delays

Emergency Power Off (EPO)

### Protection

Surge energy rating 880 Joules

Filtering- Full time multi-pole noise filtering: 0.3% IEEE surge let-through: zero clamping response time: meets UL 1449

### Dimensions

Maximum Height 5.25 inches (133 mm) x Maximum Width 19.00 inches (483 mm)

Maximum Depth 26.00 inches (660 mm) -Rack Height 3U

Net Weight 131.00 lbs. (59.55 kg)

Shipping Weight 153.00 lbs. (69.55 kg)

Shipping Height 12.00 inches (305 mm)x Shipping Width 24.00 inches (610 mm)x Shipping Depth 32.00 inches (813 mm)

Color- Gun Metal Black

Mounting rails included for rack mounting

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### Operating Environment

\* 32 - 104 °F (0 - 40 °C) (battery dependant) *We have a Premium battery option to extend this to -15°C to +50°C charge rating and -25 to +60 °C discharge rating*

Operating Relative Humidity 0 - 95% *optional Can be conformal coated upon request*

Operating Elevation 0-10000 feet (0-3000 meters)

Storage Temperature 5 - 113 °F (-15 - 45 °C)

Storage Relative Humidity 0 - 95%

Storage Elevation 0-50000 feet (0-15000 meters)

Audible noise at 1 meter from surface of unit 53.00 dBA

Online Thermal Dissipation: 375 BTU /hr

### Regulatory Approvals Conformance

PS6003rm3uXL CSA,FCC Part 15 Class A,UL 1449,UL 1778

PS6003rm3uiXL C-tick,CE,EN 50091-1,EN 50091-2,GOST,VDE

Motherboard manufactured in ISO 9001:2008 factories

2 year warranty on parts and Labor

Made in USA

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