PowerStar

Powerstar PS6003tower for Shipboard Power
(17"x7.7"x21.5" deep)

120-208V 2700Watt 3000VA UPS
230V European model available - PS6003itower
LCD easy to understand written text readout
in many languages on front panel. JUST LIKE Powerview
 Line Interactive type UPS wired for Delta power
Dual pole circuit breakers -No fuses
Auto Boost and Trim voltage trim without using Inverter
Smart UPS tests itself and batteries periodically
Auto restart after a full run upon utility restoration
Cold Start capable
Hot swappable batteries
Output Power Capacity 2700 Watts / 3000 VA
Max Configurable Power2700 Watts / 3000 VA
Nominal Output Voltage 120V
Output Voltage Distortion Less than 5% at full load – 95% efficient @ Full load
Output Frequency (sync to mains) 47 - 53 Hz for 50 Hz nominal, 57 - 63 Hz for 60 Hz nominal
Switchable Outlet Group allows you to shut off output power for a few seconds to restart "stuck"
electronics. 4 outlets (Add our AP9630 Ethernet card for long distance controllability.)
Crest Factor up to 5: 1   Waveform Type Full Sine wave
Output Connections (standard); We also can supply with *Military style connectors.*

(8) NEMA 5-15R

(2) NEMA 5-20R

Output Connections -optional   L5-30R *(contact us for other connections)*
Input
Nominal Input Voltage 120V
Input Frequency 50/60 Hz +/- 3 Hz (auto sensing)
Input Connections NEMA L5-30P

Cord Length 8 feet (2.44 meters)
Input voltage range for main operations 82 - 144V
Input voltage adjustable range for mains operation 75 - 154V
Transfer Time 2-4 ms (less than 1/8 of cycle)
Batteries & Runtime
Battery Type Maintenance-free sealed Lead-Acid battery with suspended electrolyte: leak proof
Typical recharge time 3 hour(s)
Replacement Battery PSRBC55 (*high temperature long life batteries available for this unit PSrbc55h*)
Typical life expectancy @75°F= 3-5 years
Premium battery life expectancy @75°F= 8-10years

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Typical Backup Time at Half Load 15 minutes (1350 Watts)
Typical Backup Time at Full Load 4 minutes (2700 Watts)
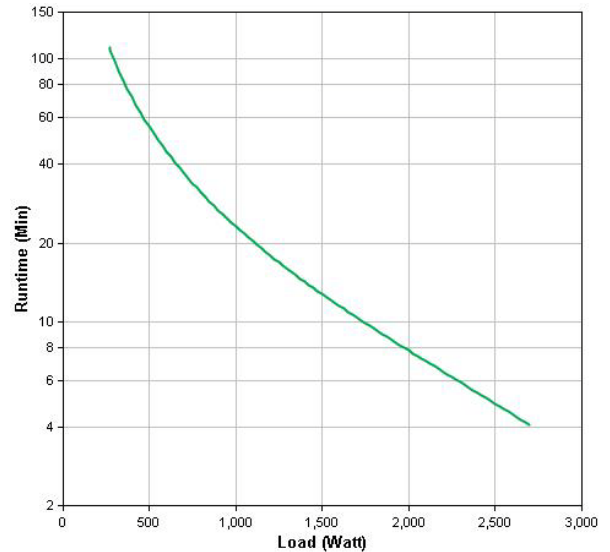Typical Backup Time at 800 Watts= 31 minutes

Interface Port(s)
(1)USB serial control, (1) RS232 S20 port, and (1) SmartSlot

 Powerchute™ software supplied for many operating systems

Available SmartSlot™ (*for SNMP Ethernet Network card PS9630) or environmental monitor card or multi I/O control card. (simple switching)*

 Emergency Power Off (EPO)- Standard Low Voltage low current NO/NC switch shut down

Note, this RS232 S20 port is a new generation port and is not compatible with previous generation software.

Control panel
LCD written word status display with predictive battery failure, Load and battery information.
LED indicators On Line: On Battery: Replace Battery: and Overload/ Fault Indicators
Audible Alarm -Alarm when on battery: distinctive low battery alarm: configurable delays

Protection
Surge energy rating 530 Joules
Filtering- Full time multi-pole noise filtering: 0.3% IEEE surge let-through: zero clamping response time: meets UL 1449

Dimensions (Tower)
Maximum Width 7.70"inches (196 mm)
Maximum Width 17.00 inches (432mm)
Maximum Depth 21.5 inches (546mm)
Net Weight 116 lbs. (53kg)
Shipping Weight 134 lbs. (61 kg)
Shipping Height 15.00 inches
Shipping Width 30.00 inches
Shipping Depth 22 inches
Color Black
Units per pallet=3

Operating Environment
32 - 104 °F (0 - 40 °C) (battery dependant) *This can be -15°to +50°C with our Premium battery*

Operating Relative Humidity 0 - 95%
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 45.00 dBA
Online Thermal Dissipation-275 BTU /hr
2 year warranty on parts and Labor
RoHS 7b Exemption,REACH: Contains No SVHCs
CSA,FCC Part 15 Class A,UL 1778

Windows ™XP and above will recognize this UPS when they are attached with USB and Windows™ will configure itself with its own drivers for graceful shutdown and UPS operation. Software also provided for Unix, Linux.
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