



**Mission Critical Power**

## PS6006SRT4uXL 6KVA Terrestrial, Vehicular, Shipboard UPS

(4u rack or tower Convertible 719mm deep)

2 models to choose:

**PS6006SRTrm4uXLT =6 KVA – 6000w output  
4 Rack units tall (hardwire & sockets outputs)  
(208v,220v, 240v 40-70Hz in & out )**



**PS6006SRTrm4uXLi =6 KVA 3u – 6000w capacity  
(220v, 230v, 240v 1φ input with 220v, 230v, or 240v selectable 1φ output )** [PS6006SRT](#)

\* **PS6006SRT3uBP /PS6006SRT3uBP-h** Add-on  
up to 4 ea. 3u x26.9"deep Battery trays to increase  
runtime . -h= optional Powerstar Premium 10 year life  
battery cells. Includes Rail Kit for 4 post mount.



- Powerstar Ruggedized© for survivability & reliability (*We have been ruggedizing UPS for 18 years for the US Navy & Army*)
- Uses APC© brand electronics for performance, reliability and standardized conformity (SRT series)
- <3% voltage distortion @ full power
- crest factor 3:1
- Double Conversion true online style UPS
- Surge Energy rating 480Joule
- 1402 BTU/hr max.
- Additional battery cabinets may be added for increased runtimes. 3u each x720mm deep (181kg)
- Powerstar *Premium™* Battery cells may be used to increase temperature range to -20 +50°C AND increase life expectancy of cells to 8-10 years @25°C.
- **PS6006SRT** features up to 6000W output so efficiency ([see chart below](#)) is vastly improved.
- 6.85" (4 rack-unit) tall 174mm x719mm (28.5") deep. 135LB / 62kg. Shipping weight 148LB /67kg. 6 per pallet
- Add-on 3u Battery trays for extended runtimes.
- Rack or Tower mounting. Comes complete with: Ethernet card, Dry Contact signaling, RJ45-RS232, and USB communications. Mounting rack included for 4u models-4 post 19".
- We can ruggedize or modify this for you. We can also change the connectors to Military Spec locking connectors.
- **New [Multi-Function display panel](#)** ([link to APC video](#)). Text and mimic diagrams that display modes of operation, system parameters and alarms. Assists in troubleshooting.

# PowerStar PS6006SRT4uXL series 6Kva 6.85" tall UPS

- **OUTPUT connections PS6006SRT4uXL** comes standard with (1) hard wire port 2 $\phi$  3-wire & (2) L6-20r & (3) L6-30r outputs. Pure sine output. UPS is always online - there is NO switchover time. Select output voltage from 208V, 220V or 240V.
- **OUTPUT PS6006SRTXLI =(4) IEC-320 C13 & (4) C19** *(tower configuration + BP shown)*
- **Input (XLT)** L6-30p 10 ft power cord. 160 - 275V range for main operations @208V setting.
- **Input (XLI)** Hard Wire -3 wires (L1,L2,Gnd. 1 $\phi$ ) 160 - 275V range for main operations @208V setting.

- **Automatic internal bypass** - Supplies utility power to the connected loads in the event of a UPS power overload or fault. Bypass can be manually set via front panel command.
- **Battery failure notification** - Provides early-warning fault analysis on batteries enabling timely preventive maintenance.
- **Temperature-compensated battery charging** - Prolongs battery life by regulating the charge voltage according to battery temperature.
- **Hot-swappable batteries** - Ensures clean, uninterrupted power to protected equipment while batteries are being replaced.
- **Premium Battery Upgrade option**- Use our Powerstar Premium extended temperature range (-20° to +50°C) and Long Life (10 year @ 25°C) to cut maintenance in half.
- **Frequency and voltage regulation** - Gives higher application availability by correcting poor frequency and voltage conditions without using the battery.  
**Power conditioning** - Protects connected loads from surges, spikes, lightning and other power disturbances.

**Input power factor correction** - Minimizes installation costs by enabling the use of smaller generators and cabling.

**Generator compatible** - Ensures clean, uninterrupted power to protected equipment when generator power is used.

**Portable power source /Cold-start capable** - Provides temporary battery power when the utility power is out or not available.

- Uses **Powerchute® Software** for reliable operations. Ethernet card included.
- **Emergency Power OFF** contacts. Programmable dry contacts can be signaled with low current signal to shut down UPS (e.g. Fire Alarm signal or Panic button)
- **Conformance** CSA C22.2 No.107.3-05, ENERGY STAR (USA), FCC Part 15 Class A, UL 1778, Powerstar can add MIL-Std 810 for shock and vibration.
- **Option: PS9626** (12ea. 5-20r) or **PS9627**(4ea. L5-20r shown) or
- **PS9628** (Hardwire version) **5KVA** 2u x24"deep 208v /120V **step-down transformer** with outlets 50kg. 26A max per  $\phi$  These SUPPORT ONLY 5000VA max.

- Add-on Battery Tray. Increase your runtime with up to 4 additional 3u battery trays.

## PS6006SRT4uBPXL Battery

**Cabinet** 192V DC output  
1920V\*A/Hr

3U x 26.9" (682mm) deep  
Net weight 201LB (91KG) ; Shipping weight 233LB, (106KG.)

Mounting rail included for mounting in 4 post rack.



PS6006SRTXLI



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## Battery Runtime at specific loads @25°C.

Load	UPS only <b>graph A</b>	UPS +1 PS6006SRT-XL-BP <b>graph B</b>
6000W	2.3 minute	14.9 minute
4250W	4.5 minute	22.9 min
3400W	6.8 minutes	30 min
3000W	8 minute	35min
2000W	15	50
1800W	17	60
600W	56.3	193 minutes

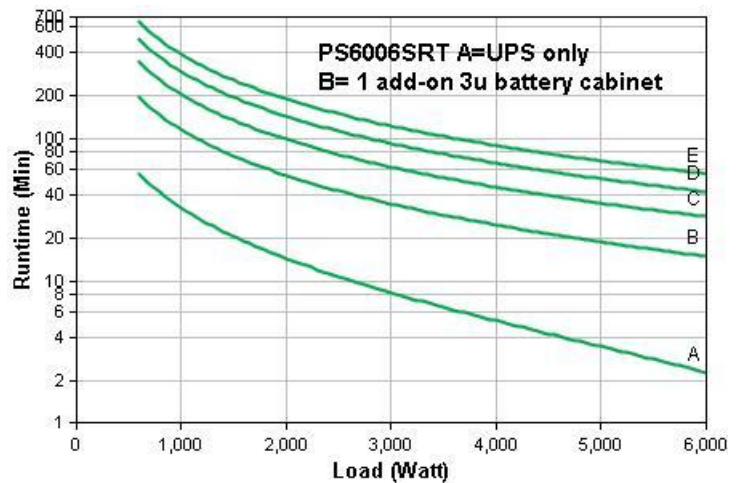
**PowerStar**

Powerstar Inc.  
Since 1993.

Gaithersburg, MD 20877  
CAGE 0ZAP8  
855-252-5253, US  
+1-301-948-0713  
<mailto:powerstar1@aol.com>

West Coast and International  
[Tim.Carr@powerstarinc.com](mailto:Tim.Carr@powerstarinc.com)  
+1-925-270-0970

Load	Efficiency
25%	92.7%
50%	94.1%
75%	94%
100%	93.7%



PS9626 208 /120 step-down transformer 1