POS Series 500VA Tower Standby 120V UPS with USB port

MODEL NUMBER: **POS500**

Highlights

- 500VA low-profile tower 120V standby UPS
- Maintains AC output during power failures
- 3 UPS battery supported outlets, 3 surge-only outlets
- USB port, TEL/DSL protection, 99% efficient
- NEMA 5-15P input and 6 NEMA 5-15R outlets
- **This product is ENERGY STAR qualified for its ability to save customers money while helping to protect the environment**

Package Includes

- POS500 UPS, USB cable, User manual with warranty information

Description

Tripp Lite's POS500 standby UPS system offers surge suppression and long-lasting battery support, ideal for Kiosks, Point-of-Sale, Network Workstations and standalone PC applications. Special housing with rear-facing outlets fits into limited height and width UPS compartments in kiosks and other equipment housings. Internal UPS circuits maintain AC output during power failures and severe brownout conditions so that connected equipment can be properly shut down without data loss. Includes 3 battery-supported outlets for computer, monitor and one vital system peripheral, plus 3 additional surge suppression-only outlets for printers and other system accessories not requiring battery support. USB port enables optional unattended system shutdown without data loss in case of extended power failure; cable included. HID-compliant USB interface enables integration with built-in power management and auto shutdown features of Windows and Mac OS X. PowerAlert software available via FREE download from www.tripplite.com. Built-in single line phone suppression protects modem, fax machine or other peripheral with a standard dialup/DSL phone connection. Built-in audible alarm and 5 LEDs indicate line power status, battery power status, battery low/replace, overload and site wiring fault status. 500VA/300W power handling ability supports point-of-sale equipment, kiosks, network workstations, small business phone systems and desktop PC equipment. Compatible with Tripp Lite's Watchdog system service to restore operation to locked equipment through soft reboot of application/OS or hard power off/on reboot of connected equipment - ideal for unattended kiosk applications. Offers 4.9 minutes battery runtime with a full load of 500VA and 15.8 minutes with a half load of 250VA. Supports user battery replacement via built-in access panel. $150,000 Ultimate Lifetime Insurance (USA, Canada and Puerto Rico only).

Features

- POS500 offer surge suppression and long-lasting battery support for Kiosks, Point-of-Sale, Network Workstations and standalone PC applications
- Special housing with short 6.54 inch height, thin 3.58 inch width and rear-facing outlets is compatible with UPS compartments in many kiosks and other equipment housings
- Supports a full load of 500VA/300 watts for 4.9 minutes and a half load of 250VA/150 watts for 15.8 minutes
- Supplies battery-derived AC output from UPS supported outlets during brownouts, overvoltages and blackout conditions
- Includes 6 total outlets, 3 with UPS and surge suppression for vital system components and 3 with surge suppression only for accessories not requiring battery support
- Compatible with Tripp Lite's Watchdog system service to restore operation to locked equipment through soft reboot of application/OS or hard power off/on reboot of connected equipment - ideal for unattended kiosk applications

- USB port enables optional unattended system shutdown without data loss in case of extended power failure; cable included
- HID-compliant USB interface enables integration with built-in power management and auto shutdown features of Windows and Mac OS X
- PowerAlert auto-shutdown and power management software available via FREE download from www.tripplite.com.
- Built-in single line phone suppression protects modem, fax machine or other peripheral with a standard dialup/DSL phone connection
- Built-in audible alarm and 5 LEDs indicate line power status, battery power status, battery low/replace, overload and site wiring fault status
- Supports hot swappable, user battery replacement via built-in access panel

Specifications

OUTPUT	
Output Volt Amp Capacity (VA)	500
Output Watt Capacity (watts)	300
Nominal Output Voltage(s) Supported	115V; 120V
Frequency compatibility	50 / 60 Hz
Output voltage regulation (Battery mode)	115V (+/- 5%)
Built-in UPS output receptacles	6 5-15R outlet(s)
Surge suppression only outlets	3 UPS outlets, 3 surge-only outlets
Output AC waveform (AC mode)	Sine wave
Output AC waveform (battery mode)	PWM sine wave
INPUT	
Rated input current (at maximum load)	10A
Nominal Input Voltage(s) Supported	120V AC
UPS input connection type	5-15P
Input circuit breaker	10A
UPS Input cord length (ft.)	6
UPS Input cord length (m)	1.8
Recommended Electrical Service	15A 120V
Phase	Single-Phase
BATTERY	
Full load runtime (minutes)	4.9 min. (300w)
Half load runtime (minutes)	15.8 min. (150w)
DC system voltage (VDC)	12
Battery recharge rate (included batteries)	Less than 10 hours from 10% to 90%

Replacement battery cartridge (internal UPS battery replacement)	RBC51
Battery Access	Battery access door
Battery replacement description	Hot-swappable, user replaceable batteries

LEDS ALARMS & SWITCHES	
LED Indicators	4 LEDs (online, on battery, replace battery, overload)
Site wiring fault indication	Rear panel site wiring fault LED
Alarms	Audible alarm indicates power-failure
Switches	Combination switch controls on/off power status and self-test operation

SURGE / NOISE SUPPRESSION	
UPS AC suppression joule rating	480
UPS AC suppression response time	Instantaneous
UPS Dataline suppression	1 line TEL/DSL (1 in / 1 out)
EMI / RFI AC noise suppression	Yes

PHYSICAL	
Installation form factors supported with included accessories	Tower
Primary form factor	Tower
UPS / Power Module dimensions in primary form factor (height x width x depth / inches)	6.5 x 3.6 x 11.2
UPS / Power Module dimensions in primary form factor (height x width x depth / cm)	16.6 x 9.1 x 28.4
UPS / Power Module weight (lbs)	8.1
UPS / Power Module weight (kg)	3.7
UPS Shipping dimensions (height x width x depth / inches)	9.4 x 7.1 x 14.2
UPS Shipping dimensions (height x width x depth / cm)	24 x 18 x 36
Shipping weight (lbs)	10.5
Shipping weight (kg)	4.8
UPS housing material	ABS

ENVIRONMENTAL	
Operating Temperature Range	+32 to +104 degrees Fahrenheit / 0 to +40 degrees Celsius
Storage Temperature Range	+5 to +122 degrees Fahrenheit / -15 to +50 degrees Celsius

Relative Humidity	0 to 95%, non-condensing
AC mode BTU / hr. (full load)	10.3
Battery mode BTU / hr. (full load)	194.3
AC mode efficiency rating (100% load)	99%

COMMUNICATIONS	
Communications interface	USB (HID enabled)
PowerAlert software	Free download from www.tripplite.com
Communications cable	USB interface cable included
WatchDog compatibility	Supports Watchdog application, OS and hard-reboot restart options for remote applications

LINE / BATTERY TRANSFER	
Transfer time	4 milliseconds from AC to battery mode; 4 milliseconds from battery to AC mode
Low voltage transfer to battery power (setpoint)	93
High voltage transfer to battery power (setpoint)	139

SPECIAL FEATURES	
Cold Start (startup in battery mode during a power failure)	Cold-start operation supported
High availability UPS features	Hot swappable batteries
Green & high efficiency features	Greater than 95% efficiency - GREEN UPS

CERTIFICATIONS	
UPS Certifications	Tested to UL1778 (USA); Tested to CSA (Canada); Tested to NOM (Mexico); Meets FCC Part 15 Category B (EMI); ENERGY STAR Qualified

WARRANTY	
Product Warranty Period (Worldwide)	2-year limited warranty
Connected Equipment Insurance (U.S., Canada & Puerto Rico)	$150,000 Ultimate Lifetime Insurance

Related Items

Optional Products

Model Number	Description	Qty.
WATCHDOGSW	WatchDog Service Monitoring / Reboot Software	1
WEXT5-INTERNET	5-Year Extended Warranty - For Internet Office, AVR and ECO Series UPS Systems	1

More information, including related products, owner's manuals, and additional technical specifications, can be found online at:

http://www.tripplite.com/sku/POS500.

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