

POS Series 120V 50/60Hz 500VA 300W Standby UPS, Tower, USB port, 6 Outlets, TEL/DSL Protection

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

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. 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 (U.S., 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 data-saving unattended shutdown when used with Tripp Lite's PowerAlert software, available via FREE download from www.tripplite.com/poweralert
- 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
- Optional PDUB15 bypass PDU enables hot-swappable UPS replacement with no disruption to connected equipment
- Supports hot swappable, user battery replacement via built-in access panel

Specifications

| OVERVIEW | |
|------------------------------------|-------------------------------------|
| UPC Code | 037332139825 |
| UPS Type | Standby |
| INPUT | |
| Rated input current (Maximum Load) | 10A |
| Nominal Input Voltage(s) Supported | 120V AC |
| UPS Input Connection Type | 5-15P |
| Input Circuit Breakers | 10A |
| UPS Input Cord Length (ft.) | 6 |
| UPS Input Cord Length (m) | 1.8 |
| Recommended Electrical Service | 15A 120V |
| Input Phase | Single-Phase |
| OUTPUT | |
| Output Volt Amp Capacity (VA) | 500 |
| Output Watt Capacity (Watts) | 300 |
| Nominal Voltage Details | 115v nominal output in battery mode |
| Frequency Compatibility | 50 / 60 Hz |
| Frequency Compatibility Details | Automatic frequency selection |



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| Output Voltage Regulation (Battery Mode) | +/- 5% |
| UPS Output Receptacles (Surge Suppression Only) | 3 UPS outlets, 3 surge-only outlets |
| Hot-Swap PDU options | PDUB15 (2U / 8 5-15R outlets) |
| Output AC Waveform (AC Mode) | Sine wave |
| Output AC Waveform (Battery Mode) | PWM sine wave |
| Nominal Output Voltage(s) Supported | 110V; 115V; 120V |
| Output Receptacles | (6) 5-15R |
| Individually Controllable Load Banks | No |
| BATTERY | |
| Full Load Runtime (min.) | 4.9 min. (300w) |
| Half Load Runtime (min.) | 15.8 min. (150w) |
| Expandable Runtime | No |
| DC System Voltage (VDC) | 12 |
| Battery Recharge Rate (Included Batteries) | Less than 10 hours from 10% to 90% |
| Battery Access | Battery access door |
| Internal UPS Replacement Battery Cartridge | RBC51 |
| Battery Replacement Description | Hot-swappable, user replaceable batteries |
| USER INTERFACE, ALERTS & CONTROLS | |
| Switches | Combination switch controls on/off power status and self-test operation |
| Audible Alarm | Audible alarm indicates power-failure |
| LED Indicators | 4 LEDs (online, on battery, replace battery, overload) |
| Site Wiring Fault Indication | Rear panel site wiring fault LED |
| 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 | |
| Primary Form Factor | Tower |



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|---|---|
| Installation Form Factors Supported with Included Accessories | Tower |
| Primary UPS Depth (mm) | 284 |
| Primary UPS Height (mm) | 165 |
| Primary UPS Width (mm) | 91 |
| Shipping Dimensions (hwd / cm) | 23.62 x 17.78 x 35.81 |
| Shipping Dimensions (hwd / in.) | 9.30 x 7.00 x 14.10 |
| Shipping Weight (kg) | 4.31 |
| Shipping Weight (lbs.) | 9.50 |
| UPS Housing Material | ABS |
| UPS Power Module Dimensions (hwd, cm) | 16.51 x 9.14 x 28.45 |
| UPS Power Module Dimensions (hwd, in.) | 6.5 x 3.6 x 11.2 |
| UPS Power Module Weight (kg) | 3.67 |
| UPS Power Module Weight (lbs.) | 8.1 |
| 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 |
| AC Mode Efficiency Rating (100% Load) | 99% |
| COMMUNICATIONS | |
| PowerAlert Software | For local monitoring via the UPS's built-in USB port, download PowerAlert Local software at http://www.tripplite.com/poweralert |
| Communications Cable | USB interface cable included |
| WatchDog Compatibility | Supports Watchdog application, OS and hard-reboot restart options for remote applications |
| Network UPS Tools Compatibility | NUT compatible. See the full list of Tripp Lite NUT compatible UPS systems at http://www.networkupstools.org/stable-hcl.html?manufacturer=Tripp Lite |
| Communications Interface | USB (HID enabled) |
| 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 |



| FEATURES & SPECIFICATIONS | |
|---|--|
| Cold Start (Startup in Battery Mode During a Power Failure) | Cold-start operation supported |
| High Availability UPS Features | Hot swappable batteries |
| Green Energy-Saving Features | Greater than 95% efficiency - GREEN UPS |
| STANDARDS & COMPLIANCE | |
| UPS Certifications | Meets FCC Part 15 Category B (EMI); Tested to CSA (Canada); Tested to NOM (Mexico); Tested to UL1778 (USA) |
| WARRANTY | |
| Product Warranty Period (Worldwide) | 2-year limited warranty |
| Connected Equipment Insurance (U.S., Canada & Puerto Rico) | \$150,000 Ultimate Lifetime Insurance |

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