

SmartPro 230V 750VA 500W Line-Interactive Sine Wave UPS, Tower, Network Card Options, USB, DB9 Serial

MODEL NUMBER: **SMX750SLT**



Highlights

- 750VA line interactive tower UPS; Sine wave output
- 220/230/240V nominal output during brownouts and overvoltages
- USB, RS232 and Network Management Card options
- Front panel status LEDs with load level and battery capacity display
- C14 input; 6 C13 outlets; Includes 2 C13 to C14 cables

Package Includes

- SMX750SLT UPS System
- USB and serial cabling
- User manual with warranty information

Description

Tripp Lite's SMX750SLT intelligent, line-interactive sine wave UPS system protects servers, networking accessories and telecommunications equipment from blackouts, voltage fluctuations and transient surges. Large internal batteries offer 15 minutes half load runtime and 5 minutes full load runtime. 750VA/500 watt power handling capability and full-time sine wave output offers guaranteed compatibility with networking, telecom and other sensitive electronic applications. Includes 6 protected C13 output receptacles total. Network management interfaces support communications via USB, RS-232 and slot for network management card options. HID-compliant USB interface enables integration with built-in power management and auto shutdown features of Windows and Mac OS X. Network communications ports enable detailed monitoring of equipment load levels, self-test data and utility power conditions. PowerAlert UPS monitoring software is available via free download. Single line Tel/DSL and network Ethernet line surge suppression. Built-in audible alarm and 9 LEDs offer status notification for line power, battery power, battery charge level, load level, plus AVR boost and trim operational status information. Network grade AC surge suppression protects equipment from damage and performance problems resulting from transient surges. Attractive, all-black tower housing.

Features

- SMX750SLT line-interactive UPS offers battery derived sine wave AC output during power outages, voltage regulation during brownouts and overvoltages, plus network-grade AC surge suppression
- 750VA/500 watt power handling capability with full-time sine wave output offers guaranteed compatibility with networking, telecom and other sensitive electronic devices
- Large internal batteries offer runtimes of 15 minutes at half load (325VA/250 watts) and 5 minutes at full load (750VA/500 watts)
- Intelligent battery management system extends battery life
- Automatic Voltage Regulation (AVR) circuits maintain user-selectable 220, 230 or 240V nominal output over an input voltage range of 151 to 290
- Includes 6 C13 output receptacles
- IEC320-C14 input connection accepts a variety of detachable cordsets
- Compatible with Tripp Lite UPS management card options [WEBCARDLX](#), [RELAYIOCARD](#), [SNMPWEBCARD](#)
- USB & Serial ports enable data-saving unattended shutdown when used with Tripp Lite's PowerAlert software, available via FREE download from www.tripplite.com/poweralert
- HID-compliant USB interface enables integration with built-in power management and auto shutdown features of Windows and Mac OS X



- Supports Tripp Lite's WatchDog software application (requires optional [WATCHDOGSW](#))
- 9 LEDs offer continuous status information of UPS operating parameters and site power quality
- Hot-swappable batteries allow on-site battery replacement without powering off connected equipment
- Single line Tel/DSL and network Ethernet line surge suppression

Specifications

| OUTPUT | |
|--|---|
| Output Volt Amp Capacity (VA) | 750 |
| Output Watt Capacity (Watts) | 500 |
| Power Factor | 0.7 |
| Nominal Output Voltage(s) Supported | 220V; 230V; 240V |
| Nominal Voltage Details | 230V default (voltage selection via back panel switches) |
| Frequency Compatibility | 50 / 60 Hz |
| Frequency Compatibility Details | Automatic frequency selection |
| Output Voltage Regulation (Line Mode) | -11%, +6% |
| Output Voltage Regulation (Battery Mode) | +/- 5% |
| Output Receptacles | (6) C13 |
| Included Output Power Cables | Includes 2 C13 to C14 output power cables |
| Output AC Waveform (AC Mode) | Sine wave |
| Output AC Waveform (Battery Mode) | Pure Sine wave |
| INPUT | |
| Rated input current (Maximum Load) | 3.6A (220V), 3.5A (230V), 3.4A (240V) |
| Nominal Input Voltage(s) Supported | 220V AC; 230V AC; 240V AC |
| UPS Input Connection Type | C14 inlet |
| UPS Input Connection Description | IEC320-C14 input connection accepts a variety of detachable cordsets to match country or site-specific wall receptacles |
| Input Phase | Single-Phase |
| BATTERY | |
| Full Load Runtime (min.) | 5 min. (500w) |
| Half Load Runtime (min.) | 15 min. (250w) |
| DC System Voltage (VDC) | 24 |
| Battery Recharge Rate (Included Batteries) | Less than 4 hours to 90% (typical, full load discharge) |



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| Internal UPS Replacement Battery Cartridge | RBC24-SLT |
| Battery Access | Battery access door |
| Battery Replacement Description | Hot-swappable, user replaceable batteries |
| Expandable Runtime | No |
| VOLTAGE REGULATION | |
| Voltage Regulation Description | Automatic voltage regulation (AVR) maintains line power operation with an input voltage range of 151 to 290V |
| Overvoltage Correction | Voltage reduction of 12% applies when input is 232-266 (220V), 244-278 (230V), 254-290 (240V) |
| Undervoltage Correction | Voltage boost of 15% applies when input is 175-198 (220V), 182-206 (230V), 190-216 (240V) |
| Severe Undervoltage Correction | Voltage boost of 30% applies when input is 151-174 (220V), 158-181 (230V), 166-190 (240V) |
| USER INTERFACE, ALERTS & CONTROLS | |
| Switches | 2 Switches control off/on power status and alarm-cancel/self-test operation; rear panel protected switches support nominal voltage selection |
| Alarm Cancel Operation | Power-fail alarm can be silenced using alarm-cancel switch |
| Audible Alarm | Audible alarm indicates power failure and overload conditions |
| LED Indicators | 9 LEDs indicate line power, battery power, AVR, overload and replace battery status - with a 3-LED level meter for load and battery charge level |
| SURGE / NOISE SUPPRESSION | |
| UPS AC Suppression Joule Rating | 504 |
| UPS AC Suppression Response Time | Instantaneous |
| UPS Dataline Suppression | 1 line TEL/DSL (1 in / 1 out); 10/100Base T Ethernet |
| EMI / RFI AC Noise Suppression | Yes |
| PHYSICAL | |
| Primary Form Factor | Tower |
| UPS Power Module Dimensions (hwd, in.) | 10.25 x 6.75 x 13.25 |
| UPS Power Module Dimensions (hwd, cm) | 26.04 x 17.14 x 33.66 |
| UPS Power Module Weight (lbs.) | 34.1 |
| UPS Power Module Weight (kg) | 15.47 |
| UPS Shipping Dimensions (hwd / in.) | 14 x 9.75 x 18.5 |
| UPS Shipping Dimensions (hwd / cm) | 35.56 x 24.76 x 46.99 |
| Shipping Weight (lbs.) | 38.6 |
| Shipping Weight (kg) | 17.5 |



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| Cooling Method | Fan |
| UPS Housing Material | Steel |
| Primary UPS Height (mm) | 260 |
| Primary UPS Width (mm) | 171 |
| Primary UPS Depth (mm) | 337 |
| Shipping Height (mm) | 356 |
| Shipping Width (mm) | 248 |
| Shipping Depth (mm) | 470 |
| 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) | 73 |
| Battery Mode BTU / Hr. (Full Load) | 350 |
| AC Mode Efficiency Rating (100% Load) | 96% |
| Operating Elevation (ft.) | Up to 10,000 ft |
| Audible Noise | Audible Noise < 50 dBA at Front Side 1 Meter |
| Operating Elevation (m) | Up to 3,000m |
| COMMUNICATIONS | |
| Communications Interface | USB (HID enabled); DB9 Serial; Slot for SNMP/Web interface |
| Network Management Cards | SNMPWEBCARD ; WEBCARDLX ; RELAYIOCARD |
| Network Monitoring Port Description | Supports detailed monitoring of UPS and site power conditions |
| PowerAlert Software | For local monitoring via the UPS's built-in communication ports, download PowerAlert Local software at http://www.tripplite.com/poweralert |
| Communications Cable | USB and DB9 cabling included |
| WatchDog Compatibility | Supports Watchdog application, OS and hard-reboot restart options for remote applications |
| LINE / BATTERY TRANSFER | |
| Transfer Time | 4-8 milliseconds |
| Low Voltage Transfer to Battery Power (Setpoint) | 151 (220V), 158 (230V), 166 (240V) |
| High Voltage Transfer to Battery Power (Setpoint) | 266V (220V), 278V (230V) or 290V (240V) |
| SPECIAL FEATURES | |



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| 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 |
| CERTIFICATIONS | |
| UPS Certifications | CE; Tested to GOST (Russia); Tested to SASO (Saudi Arabia) |
| UPS Certification Details | EN62040-1, EN62040-2 |
| WARRANTY | |
| Product Warranty Period (International) | 2-year limited warranty |
| Product Warranty Period (Mexico) | 2-year limited warranty |
| Product Warranty Period (Puerto Rico) | 2-year limited warranty |

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