

## 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
- Add optional WEBCARDLX with latest version of PADM20 for enhanced remote management
- 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
- Optional WEBCARDLX (sold separately) with the latest version of PowerAlert Device Manager firmware (PADM20) provides enhanced remote management capabilities

- PADM20 and PowerAlert Element Manager (PAEM) form a powerful tool for expanding maintenance functions in large installations, including firmware update checks and backup and restoration of device configurations
- USB & Serial ports enable data-saving unattended shutdown when used with Tripp Lite's PowerAlert software, available via FREE download from [triplite.eaton.com/products/power-alert](http://triplite.eaton.com/products/power-alert)
- 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

| OVERVIEW                                 |   |
|--|---|
| UPC Code                                 | 037332124388  |
| UPS Type                                 | Line-Interactive  |
| INPUT                                    |   |
| Input Phase                              | Single-Phase  |
| 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 |
| OUTPUT                                   |   |
| Output Capacity (VA)                     | 750   |
| Output Capacity (kVA)                    | 0.75  |
| Output Capacity (Watts)                  | 500   |
| Output Capacity (kW)                     | 0.5   |
| Power Factor                             | 0.7   |
| 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%  |
| Included Output Power Cables             | Includes 2 C13 to C14 output power cables   |
| Output AC Waveform (AC Mode)             | Sine wave   |

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|--|---|
| Output AC Waveform (Battery Mode)            | Pure Sine wave  |
| Nominal Output Voltage(s) Supported          | 220V; 230V; 240V  |
| Output Receptacles                           | (6) C13   |
| Individually Controllable Load Banks         | No  |
| <b>BATTERY</b>                               |   |
| Battery Type                                 | Valve Regulated Lead Acid (VRLA)  |
| Runtime Full Load (min.)                     | 5 min. (500W)   |
| Runtime Half Load (min.)                     | 15 min. (250W)  |
| Expandable Runtime                           | No  |
| DC System Voltage (VDC)                      | 24  |
| Battery Recharge Rate (Included Batteries)   | Less than 4 hours to 90% (typical, full load discharge)   |
| Battery Access                               | Battery access door   |
| Internal UPS Replacement Battery Cartridge   | &nbsp;<a class="productLink" href="//tripplite.eaton.com/UPS-Replacement-24VDC-Battery-Cartridge-for-select-Tripp-Lite-SLT-UPS~RBC24-SLT">RBC24-SLT</a>&nbsp; |
| Battery Replacement Description              | Hot-swappable, user replaceable batteries   |
| <b>VOLTAGE REGULATION</b>                    |   |
| 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); Voltage setpoints $\pm 5\%$ tolerance                          |
| Undervoltage Correction                      | Voltage boost of 15% applies when input is 175-198 (220V), 182-206 (230V), 190-216 (240V); Voltage setpoints $\pm 5\%$ tolerance                              |
| Severe Undervoltage Correction               | Voltage boost of 30% applies when input is 151-174 (220V), 158-181 (230V), 166-190 (240V); Voltage setpoints $\pm 5\%$ tolerance                              |
| <b>USER INTERFACE, ALERTS &amp; CONTROLS</b> |   |
| 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              |
| <b>SURGE / NOISE SUPPRESSION</b>             |   |
| 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  |

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| EMI / RFI AC Noise Suppression                                | Yes   |
| <b>PHYSICAL</b>   |   |
| Primary Form Factor   | Tower   |
| Cooling Method  | Fan   |
| Installation Form Factors Supported with Included Accessories | Tower   |
| Primary UPS Depth (mm)  | 337   |
| Primary UPS Height (mm)                                       | 260   |
| Primary UPS Width (mm)  | 171   |
| Shipping Dimensions (hwd / in.)                               | 14.00 x 9.75 x 18.50  |
| Shipping Dimensions (hwd / cm)                                | 35.56 x 24.76 x 46.99   |
| Shipping Weight (lbs.)  | 38.60   |
| Shipping Weight (kg)  | 17.51   |
| UPS Housing Material  | Steel   |
| UPS Power Module Dimensions (hwd, cm)                         | 26.04 x 17.14 x 33.66   |
| UPS Power Module Dimensions (hwd, in.)                        | 10.25 x 6.75 x 13.25  |
| UPS Power Module Weight (kg)                                  | 15.47   |
| UPS Power Module Weight (lbs.)                                | 34.1  |
| Unit Dimensions (hwd / in.)                                   | 10.250 x 6.750 x 13.250   |
| Unit Weight (lbs.)  | 34.1000   |
| Unit Weight (kg)  | 15.47   |
| <b>ENVIRONMENTAL</b>  |   |
| Operating Temperature Range                                   | 32° to 104°F (0° to 40°C)   |
| Storage Temperature Range                                     | 5° to 122°F (-15° to 50°C)  |
| Relative Humidity   | 0 to 95%, non-condensing  |
| AC Mode BTU / Hr. (Full Load)                                 | 73  |
| 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  |
| <b>COMMUNICATIONS</b>   |   |
| Network Management Cards                                      | SNMPWEBCARD; WEBCARDLX; &nbsp;<a class="productLink" href="//tripplite.eaton.com/Programmable-Relay-I-O-Card-RELAYIOCARD">RELAYIOCARD</a>&nbsp; |

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|---|--|
| 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 software at <a href="https://tripplite.eaton.com/products/power-alert">https://tripplite.eaton.com/products/power-alert</a> |
| Communications Cable  | USB and DB9 cabling included   |
| WatchDog Compatibility                                      | Supports Watchdog application, OS and hard-reboot restart options for remote applications  |
| Network Management Card Description                         | Network management card optional   |
| Communications Interface                                    | DB9 Serial; Slot for SNMP/Web interface; USB (HID enabled)   |
| <b>LINE / BATTERY TRANSFER</b>                              |  |
| Transfer Time   | 4-8 milliseconds   |
| Low Voltage Transfer to Battery Power (Setpoint)            | 151 (220V), 158 (230V), 166 (240V); Voltage setpoints $\pm 5\%$ tolerance  |
| High Voltage Transfer to Battery Power (Setpoint)           | 266V (220V), 278V (230V) or 290V (240V); Voltage setpoints $\pm 5\%$ tolerance   |
| <b>FEATURES &amp; SPECIFICATIONS</b>                        |  |
| Cold Start (Startup in Battery Mode During a Power Failure) | Cold-start operation supported   |
| High Availability UPS Features                              | Auto Probe Monitoring (requires WEBCARDLX); Automatic Voltage Regulation (AVR); Hot swappable batteries; Remote management; Sine wave output; Surge/noise protection   |
| Green Energy-Saving Features                                | Greater than 95% efficiency - GREEN UPS  |
| <b>APPLICATIONS</b>   |  |
| UPS Applications  | Large Network; High-End Desktop/Small Network  |
| <b>STANDARDS &amp; COMPLIANCE</b>                           |  |
| Product Certifications                                      | GOST (Russia); EN 62040-1; EN 62040-2  |
| Product Compliance  | RoHS; SASO (Saudi Arabia); CE (Europe)   |
| <b>WARRANTY &amp; SUPPORT</b>                               |  |
| 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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