



**Tripp Lite**  
1111 West 35th Street  
Chicago, IL 60609 USA  
Telephone: +(773) 869 1234  
E-mail: [saleshelp@tripplite.com](mailto:saleshelp@tripplite.com)

## Model #: SMX1500SLT

### SmartPro 1.5kVA Line Interactive Sine Wave UPS, SNMPWEBCARD option, Tower, USB, Serial, 220/230/240V

#### Highlights



- 1.5kVA / 1500VA line interactive tower UPS; Sine wave output
- 220/230/240V nominal output during brownouts and overvoltages
- USB, RS232 and optional SNMP/Web card interface
- Front panel status LEDs with detailed load and battery capacity display
- C14 inlet; 8 C13 outlets; 2 C13 to C14 cables included

#### Description

Tripp Lite's SMX1500SLT 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 20 min. half load runtime and 8 min. full load runtime. 1500VA/900W power handling capability and full-time sine wave output offer guaranteed compatibility with networking, telecom and other sensitive electronic applications. Includes 8 UPS-protected C13 output receptacles. Supports simultaneous remote monitoring of UPS and site power conditions via built-in network accessory card slot, USB and DB9 serial monitoring ports. HID-compliant USB interface enables full integration with built-in power management and auto shutdown features of Windows and Mac OS X. Optional SNMPWEBCARD accessory enables remote monitoring of UPS as a managed device via network management console applications. Communications interfaces support messaging of UPS and line power status, plus output power control for delayed or immediate reboot of all connected devices at once. Includes PowerAlert UPS monitoring and unattended shutdown software with management support for an unlimited number of network UPS systems. Single-line tel/DSL and network Ethernet line surge suppression. Built-in audible alarm and 9 LEDs provide 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.

#### Package Includes

- SMX1500SLT UPS System
- PowerAlert Software CD-ROM
- USB and serial cabling
- 2 IEC C13-to-C14 jumper cables
- Owner's manual with warranty information

#### Features

- 1500VA/900W 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 20 minutes at half load (750VA/450W) and 8 minutes at full load (1500VA/900W)
- Automatic voltage regulation (AVR) circuits maintain user-selectable 220V, 230V or 240V nominal output over an input voltage range of 174-266V (220V), 182-278V (230V) or 190-290V (240V)
- 8 C13 output receptacles
- IEC320-C14 input connection accepts a variety of detachable cordsets to match country or site-specific wall receptacles
- PowerAlert UPS monitoring and unattended shutdown software included
- Offers simultaneous monitoring by up to 3 directly connected devices through included USB, DB9 and SNMP\* interfaces (\*requires optional SNMPWEBCARD), or the monitoring of any number of additional UPS systems over IP with included PowerAlert monitoring software
- Communications ports support messaging of UPS and line power status, including on-battery, low-battery, power restored, AC line voltage, DC battery voltage and remaining battery capacity
- HID-compliant USB interface enables full integration with built-in power management and auto shutdown features of Windows and Mac OS X

- Supports Tripp Lite's WatchDog software (requires optional WATCHDOGSW)
- 9 LEDs provide 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
- CE/IEC 62040, GOST, SASO, RoHS-compliant, Class A

## Specifications

| <b>OUTPUT</b>                                   |   |
|---|---|
| <b>Output Volt Amp Capacity (VA)</b>            | 1500  |
| <b>Output kVA capacity (kVA)</b>                | 1.5   |
| <b>Output Watt Capacity (watts)</b>             | 900   |
| <b>Output power factor</b>                      | 0.6   |
| <b>Nominal Output Voltage(s) Supported</b>      | 220V; 230V; 240V  |
| <b>Nominal Voltage details</b>                  | 230V default (voltage selection via back panel switches)  |
| <b>Frequency compatibility</b>                  | 50 / 60 Hz  |
| <b>Output voltage regulation (line mode)</b>    | -9% / + 5%  |
| <b>Output voltage regulation (Battery mode)</b> | +/- 5%  |
| <b>Built-in UPS output receptacles</b>          | 8 C13 outlet(s)   |
| <b>Included output power cables</b>             | Includes 2 C13 to C14 output power cables   |
| <b>Output AC waveform (AC mode)</b>             | Sine wave   |
| <b>Output AC waveform (battery mode)</b>        | Pure Sine wave  |
| <b>INPUT</b>                                    |   |
| <b>Rated input current (at maximum load)</b>    | 4.1A (220V), 3.9A (230V), 3.8 (240V)  |
| <b>Nominal Input Voltage(s) Supported</b>       | 220V AC; 230V AC; 240V AC   |
| <b>UPS input connection type</b>                | C14 inlet   |
| <b>UPS input connection description</b>         | IEC320-C14 input connection accepts a variety of detachable cordsets to match country or site-specific wall receptacles |
| <b>Phase</b>                                    | Single-Phase  |
| <b>BATTERY</b>                                  |   |
| <b>Full load runtime (minutes)</b>              | 8 min. (900w)   |
| <b>Half load runtime (minutes)</b>              | 20 min. (450w)  |

|  |  |
|--|--|
| DC system voltage (VDC)  | 36   |
| Battery recharge rate (included batteries)   | Less than 8 hours from 10% to 90%  |
| Replacement battery cartridge (internal UPS battery replacement)                       | <a href="#">RBC36-SLT</a>  |
| Battery Access   | Battery access door  |
| 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 182 to 278 (230v), 190 to 290 (240v), 174 to 266 (220v) |
| Overvoltage correction   | Voltage reduction of 12% applies when input is 244 to 278 (230v), 254 to 290 (240v), 232 to 266 (220v)   |
| Undervoltage correction  | Voltage boost of 14% applies when input is 182 to 206 (230v), 190 to 216 (240v), 174 to 198 (220)  |
| <b>LEDS ALARMS &amp; SWITCHES</b>  |  |
| 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         |
| Alarms   | Audible alarm indicates power failure and overload conditions  |
| Alarm cancel operation   | Power-fail alarm can be silenced using alarm-cancel switch   |
| Switches   | 2 Switches control off/on power status and alarm-cancel/self-test operation; rear panel protected switches support nominal voltage selection             |
| <b>SURGE / NOISE SUPPRESSION</b>   |  |
| UPS AC suppression joule rating  | 350  |
| 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  |
| <b>PHYSICAL</b>  |  |
| 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) | 10.2 x 6.8 x 13.2  |
| UPS / Power Module dimensions in primary form factor (height x width x depth / cm)     | 26 x 17.1 x 33.7   |
| UPS / Power Module weight (lbs)  | 45   |
| UPS / Power Module weight (kg)   | 20.4   |

|   |  |
|---|--|
| UPS Shipping dimensions (height x width x depth / inches)   | 14 x 9.8 x 18.5  |
| UPS Shipping dimensions (height x width x depth / cm)       | 35.6 x 24.8 x 47   |
| Shipping weight (lbs)                                       | 48.6   |
| Shipping weight (kg)  | 22.1   |
| Cooling method  | Fan  |
| UPS housing material  | Steel  |
| <b>ENVIRONMENTAL</b>  |  |
| 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)                               | 195.3  |
| Battery mode BTU / hr. (full load)                          | 582.9  |
| Audible Noise   | Audible Noise < 50 dBA at Front Side 1 Meter   |
| <b>COMMUNICATIONS</b>                                       |  |
| Communications interface                                    | USB; DB9 Serial; Slot for SNMP/Web interface   |
| Network monitoring port description                         | Supports detailed monitoring of UPS and site power conditions                                  |
| PowerAlert software   | Included   |
| Communications cable  | USB and DB9 cabling included   |
| WatchDog compatibility                                      | Supports Watchdog application, OS and hard-reboot restart options for remote applications      |
| <b>LINE / BATTERY TRANSFER</b>                              |  |
| Transfer time   | 4-8 milliseconds   |
| Low voltage transfer to battery power (setpoint)            | 174V (220V), 182V (230V) or 190V (240V)  |
| High voltage transfer to battery power (setpoint)           | 266V (220V), 278V (230V) or 290V (240V)  |
| <b>SPECIAL FEATURES</b>                                     |  |
| Cold Start (startup in battery mode during a power failure) | Cold-start operation supported   |
| High availability UPS features                              | Hot swappable batteries  |
| <b>CERTIFICATIONS</b>                                       |  |
| UPS Certifications  | CE; Tested to GOST (Russia); Tested to SASO (Saudi Arabia); Meets FCC Part 15 Category A (EMI) |
| UPS Certification details                                   | CE / IEC 62040   |
| <b>WARRANTY</b>   |  |

|  |                         |
|--|-------------------------|
| <b>Product Warranty Period (International)</b> | 2-year limited warranty |
| <b>Product Warranty Period (Mexico)</b>        | 2-year limited warranty |
| <b>Product Warranty Period (Puerto Rico)</b>   | 2-year limited warranty |

## Related Items

### Optional Products

| Related Model               | Description  | Qty. |
|-----------------------------|--|------|
| <a href="#">DCATV</a>       | Network Surge Suppressor - Essential protection for TV/VCR coaxial lines                           | 1    |
| <a href="#">DNET1</a>       | Network Surge Suppressor - Essential protection for data and communication lines                   | 1    |
| <a href="#">DTEL2</a>       | Network Surge Suppressor - Essential protection for data and communication lines                   | 1    |
| <a href="#">ENVIROSENSE</a> | Monitors temperature, humidity and contact-closure inputs. (Requires SNMPWEBCARD or switched PDU.) | 1    |
| <a href="#">SNMPWEBCARD</a> | For remote monitoring and control via SNMP, Web, or Telnet.  | 1    |
| <a href="#">U022-010</a>    | 10-ft. USB2.0 A/B Gold Device Cable (A Male to B Male)   | 1    |
| <a href="#">WATCHDOGSW</a>  | WatchDog Service Monitoring / Reboot Software  | 1    |
| <a href="#">RELAYIOCARD</a> | Programmable Relay I/O Card  | 1    |

More information, including related products, owner's manuals, and additional technical specifications, can be found online at [www.tripplite.com/en/products/model.cfm?txtModelID=3248](http://www.tripplite.com/en/products/model.cfm?txtModelID=3248).

Copyright © 2013 Tripp Lite. All rights reserved. All trademarks are the sole property of their respective owners. Tripp Lite has a policy of continuous improvement. Specifications are subject to change without notice. Photos may differ slightly from final products.