

## SmartPro 230V 1.05kVA 650W Line-Interactive Sine Wave UPS, Tower, Network Card Options, USB, DB9, 8 Outlets

MODEL NUMBER: **SMX1050SLT**



Protects connected mission-critical equipment against damage, downtime and data loss due to blackouts, brownouts, surges and line noise. Ideal solution for point-of-sale applications, VoIP systems and small business networks.

### Description

The SMX1050SLT SmartPro 230V 1.05kVA 650W Line-Interactive Sine Wave UPS provides battery backup and AC power protection against blackouts, brownouts, power surges and line noise that can damage electronics or destroy data. Ideal for backing up point-of-sale applications, VoIP systems and small business networks, the SMX1050SLT switches to battery mode in milliseconds to keep your connected equipment running long enough to save files and shut down safely with no data loss. Featuring eight C13 outlets and a C14 inlet that accepts a user-supplied AC power cord, the SMX1050SLT has an internal battery that provides 20 minutes of support at half load and seven minutes at full load. Front-panel LEDs indicate line power, voltage regulation, load level and battery status. An alarm sounds to indicate power failure or overload. Automatic voltage regulation (AVR) maintains selectable 220V, 230V or 240V nominal output over an input range of 174V–266V (220V), 182V–278V (230V) or 190V–290V (240V) without using battery power. EMI/RFI noise filtering improves your equipment's performance and prevents damage. A 350-joule surge suppression rating protects your equipment from harmful power surges. With Tripp Lite's downloadable PowerAlert® software, the SMX1050SLT enables safe unattended system shutdown and file saves in case of a prolonged power failure. Adding an optional network management card permits remote management of the UPS, including reboots and activity logs.

### Features

#### Protects Mission-Critical Equipment

- Provides fully regulated sine wave AC output for point-of-sale applications, VoIP systems and small business networks
- Audible alarm signals loss of utility power or overload
- 8 C13 outlets
- C14 inlet accepts user-supplied AC power cord with country-specific plug
- 350-joule surge suppression rating

#### Reliable Battery Backup

### Highlights

- Corrects under- and overvoltages from 182V to 278V (230V)
- 8 C13 outlets
- Front-panel LEDs indicate load, power, voltage and battery statuses
- Add optional WEBCARDLX with latest version of PADM20 for enhanced remote management
- 20 min. runtime at half load; 7 min. at full load

### Package Includes

- SMX1050SLT SmartPro 230V 1.05kVA 650W Line-Interactive Sine Wave UPS
- USB cable
- DB9 cable
- (2) IEC-320 C13-to-C14 power cables
- Owner's manual

- Supports half load up to 20 min. and full load up to 7 min.
- Internal batteries designed for hot-swap field replacement
- Cold-start capability enables turn-on in battery mode during blackouts

#### Automatic Voltage Regulation (AVR)

- Maintains selectable nominal output without using battery power
- Corrects brownouts and overvoltages from 174V–266V (220V), 182V–278V (230V) or 190V–290V (240V)

#### EMI/RFI Line Noise Filtering

- Removes electromagnetic and radio frequency interference that can disrupt or damage equipment's performance

#### LED Indicators

- Front-panel LEDs indicate line power, voltage regulation, load level and battery status

#### Optional Network Management Cards

- Compatible with Tripp Lite UPS management card options WEBCARDLX, SNMPWEBCARD and RELAYIOCARD

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.

#### Communication Ports

- 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](http://www.tripplite.com/poweralert)

#### Telephone/Network Jacks

- Protect against power surges over telephone/DSL or network Ethernet lines

## Specifications

| OVERVIEW                           |   |
|------------------------------------|---|
| UPC Code                           | 037332124548  |
| UPS Type                           | Line-Interactive  |
| INPUT                              |   |
| Rated input current (Maximum Load) | 2.8A (230V), 3.0A (220V), 2.7A (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  |
| OUTPUT                             |   |

|  |   |
|--|---|
| Output Capacity (VA)                       | 1050  |
| Output Capacity (kVA)                      | 1.05  |
| Output Capacity (Watts)                    | 650   |
| Output Capacity (kW)                       | 0.65  |
| Nominal Voltage Details                    | 230V nominal output in battery mode   |
| Frequency Compatibility                    | 50 / 60 Hz  |
| Frequency Compatibility Details            | Automatic frequency selection   |
| Output Voltage Regulation (Line Mode)      | -9%, +5%  |
| Output Voltage Regulation (Battery Mode)   | +/- 5%  |
| Included Output Power Cables               | Includes 2 C13 to C14 output power cables   |
| Hot-Swap PDU options                       | PDUBHV10 (2U / 8 C13 outlets)   |
| Output AC Waveform (AC Mode)               | Sine wave   |
| Output AC Waveform (Battery Mode)          | Pure Sine wave  |
| Nominal Output Voltage(s) Supported        | 220V; 230V; 240V  |
| Output Receptacles                         | (8) C13   |
| Individually Controllable Load Banks       | No  |
| <b>BATTERY</b>                             |   |
| Battery Type                               | Valve Regulated Lead Acid (VRLA)  |
| Runtime Full Load (min.)                   | 7 min. (650W)   |
| Runtime Half Load (min.)                   | 20 min. (325W)  |
| Expandable Runtime                         | No  |
| DC System Voltage (VDC)                    | 24  |
| Battery Recharge Rate (Included Batteries) | Less than 8 hours from 10% to 90% (typical, full load discharge)  |
| Battery Access                             | Battery access door   |
| Internal UPS Replacement Battery Cartridge | &nbsp;<a class="productLink" href="//www.tripplite.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 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); Voltage setpoints ±5% tolerance                     |
| Undervoltage Correction                    | Voltage boost of 14% applies when input is 182 to 206 (230v), 190 to 216 (240v), 174 to 198 (220); Voltage setpoints ±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                               | 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>   |  |
| Primary Form Factor   | Tower  |
| Cooling Method  | Fan  |
| Installation Form Factors Supported with Included Accessories | Tower  |
| Primary UPS Depth (mm)  | 335  |
| Primary UPS Height (mm)                                       | 259  |
| Primary UPS Width (mm)  | 173  |
| 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)                         | 25.91 x 17.27 x 33.53  |
| UPS Power Module Dimensions (hwd, in.)                        | 10.2 x 6.8 x 13.2  |
| UPS Power Module Weight (kg)                                  | 16.33  |
| UPS Power Module Weight (lbs.)                                | 36   |
| <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)                               | 52   |
| Battery Mode BTU / Hr. (Full Load)                          | 521  |
| AC Mode Efficiency Rating (100% Load)                       | 94%  |
| Operating Elevation (ft.)                                   | Up to 10,000 ft  |
| Audible Noise   | Audible Noise < 50 dBA at Front Side 1 Meter   |
| Operating Elevation (m)                                     | Up to 3000m  |
| <b>COMMUNICATIONS</b>                                       |  |
| Network Management Cards                                    | SNMPWEBCARD; <a href="//www.tripplite.com/Web-Management-Accessory-Card-WEBCARDLX">WEBCARDLX</a> ; <a href="//www.tripplite.com/Programmable-Relay-I-O-Card-RELAYIOCARD">RELAYIOCARD</a> ;     |
| 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 <a href="https://www.tripplite.com/poweralert">https://www.tripplite.com/poweralert</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   |
| <b>LINE / BATTERY TRANSFER</b>                              |  |
| Transfer Time   | 4-8 milliseconds   |
| Low Voltage Transfer to Battery Power (Setpoint)            | 174V (220V), 182V (230V) or 190V (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                           |
| <b>STANDARDS &amp; COMPLIANCE</b>                           |  |
| Product Certifications                                      | GOST (Russia)  |
| Product Compliance  | RoHS; SASO (Saudi Arabia); CE (Europe); FCC Part 15 Class B (USA)  |
| <b>WARRANTY &amp; SUPPORT</b>                               |  |
| Product Warranty Period (International)                     | 2-year limited warranty  |
| Product Warranty Period (Mexico)                            | 2-year limited warranty  |



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|---------------------------------------|-------------------------|
| Product Warranty Period (Puerto Rico) | 2-year limited warranty |
|---------------------------------------|-------------------------|



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