

SmartPro 230V 1050VA 650W Line-Interactive Sine Wave UPS, SNMP, Webcard, Tower, USB, DB9 Serial

MODEL NUMBER: **SMX1050SLT**



Description

Tripp Lite's SMX1050SLT 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 7 min. full load runtime. 1050VA/650W 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 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

- SMX1050SLT 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
- 1050VA/650W 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 min. at half load (525VA/325W) and 7 min. at full load (1050VA/650W)
- 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 x 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 enables configurable network broadcast messaging, email notification, event logging and running of user-defined script commands

Highlights

- 1.05kVA / 1050VA 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 load level and battery capacity display
- C14 inlet; 8 C13 outlets; C13 to C14 cable included

Package Includes

- SMX1050SLT UPS System
- PowerAlert Software CD-ROM
- USB and serial cabling
- 2 x IEC C13-to-C14 jumper cables
- Owner's manual with warranty information



- 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 application to restore unresponsive programs by systematically restarting applications, operating systems and ultimately rebooting completely locked computers by momentarily switching UPS power off and back on again (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
- Optional PDUBHV10 bypass PDU enables hot-swappable UPS replacement with no disruption to connected equipment
- Single line tel/DSL and network Ethernet line surge suppression
- CE/IEC 62040, GOST, SASO

Specifications

| OUTPUT | |
|--|---|
| Output Volt Amp Capacity (VA) | 1050 |
| Output kVA Capacity (kVA) | 1 |
| Output Watt Capacity (Watts) | 650 |
| Power Factor | 0.6 |
| Nominal Output Voltage(s) Supported | 220V; 230V; 240V |
| Nominal Voltage Details | 230V default (voltage selection via back panel switches) |
| Frequency Compatibility | 50 / 60 Hz |
| Output Voltage Regulation (Line Mode) | -9%, +5% |
| Output Voltage Regulation (Battery Mode) | +/- 5% |
| Output Receptacles | (8) C13 |
| 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 |
| 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 |



| | |
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| Input Phase | Single-Phase |
| BATTERY | |
| Full Load Runtime (min.) | 7 min. (650w) |
| Half Load Runtime (min.) | 20 min. (325w) |
| DC System Voltage (VDC) | 24 |
| Battery Recharge Rate (Included Batteries) | Less than 8 hours from 10% to 90% (typical, full load discharge) |
| Internal UPS Replacement Battery Cartridge | RBC24-SLT |
| Battery Access | Battery access door |
| Battery Replacement Description | Hot-swappable, user replaceable batteries |
| VOLTAGE REGULATION | |
| 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) |
| 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 | 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 |
| PHYSICAL | |
| Primary Form Factor | Tower |
| UPS Power Module Dimensions (hwd, in.) | 10.2 x 6.8 x 13.2 |
| UPS Power Module Dimensions (hwd, cm) | 26 x 17.1 x 33.7 |



| | |
|---|---|
| UPS Power Module Weight (lbs.) | 36 |
| UPS Power Module Weight (kg) | 16.3 |
| UPS Shipping Dimensions (hwd / in.) | 14 x 9.8 x 18.5 |
| UPS Shipping Dimensions (hwd / cm) | 35.6 x 24.8 x 47 |
| Shipping Weight (lbs.) | 38.6 |
| Shipping Weight (kg) | 17.5 |
| Cooling Method | Fan |
| UPS Housing Material | Steel |
| 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) | 141.1 |
| Battery Mode BTU / Hr. (Full Load) | 359.8 |
| AC Mode Efficiency Rating (100% Load) | 94% |
| Audible Noise | Audible Noise < 50 dBA at Front Side 1 Meter |
| COMMUNICATIONS | |
| 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 |
| LINE / BATTERY TRANSFER | |
| 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) |
| SPECIAL FEATURES | |
| Cold Start (Startup in Battery Mode During a Power Failure) | Cold-start operation supported |
| High Availability UPS Features | Hot swappable batteries |



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| CERTIFICATIONS | |
|---|--|
| UPS Certifications | CE; Tested to GOST (Russia); Tested to SASO (Saudi Arabia); Meets FCC Part 15 Category B (EMI) |
| UPS Certification Details | CE / IEC 62040 |
| 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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