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Model #: SMX1050SLT

SmartPro 1.05kVA Line Interactive Sine Wave UPS, SNMPWEBCARD option, Tower, USB, Serial, 220/230/240V



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

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.

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

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
- 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
- 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
Output 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%
Built-in UPS output receptacles	8 C13 outlet(s)
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 (at 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
Phase	Single-Phase
BATTERY	
Full load runtime (minutes)	7 min. (650w)
Half load runtime (minutes)	20 min. (325w)
DC system voltage (VDC)	24
Battery recharge rate (included batteries)	Less than 8 hours from 10% to 90%
Replacement battery cartridge (internal UPS battery replacement)	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)
LEDS ALARMS & SWITCHES	
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
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	
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)	36
UPS / Power Module weight (kg)	16.3
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)	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
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
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

Related Items

Optional Products

Related Model	Description	Qty.
DCATV	Network Surge Suppressor - Essential protection for TV/VCR coaxial lines	1
DNET1	Network Surge Suppressor - Essential protection for data and communication lines	1
DTEL2	Network Surge Suppressor - Essential protection for data and communication lines	1
ENVIROSENSE	Monitors temperature, humidity and contact-closure inputs. (Requires SNMPWEBCARD or switched PDU.)	1
SNMPWEBCARD	For remote monitoring and control via SNMP, Web, or Telnet.	1
U022-010	10-ft. USB2.0 A/B Gold Device Cable (A Male to B Male)	1
WATCHDOGSW	WatchDog Service Monitoring / Reboot Software	1
MODBUSCARD	For remote monitoring and control via MODBUS protocol	1
RELAYIOCARD	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=3249.

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