SmartPro 230V 1.5kVA 900W Line-Interactive Sine Wave UPS, Tower, SNMPWEBCARD Option, USB, Serial

MODEL NUMBER: **SMX1500SLT**

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

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

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.

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)
- Intelligent battery management system extends battery life
- 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

OUTPUT	
Output Volt Amp Capacity (VA)	1500
Output kVA Capacity (kVA)	1.5
Output Watt Capacity (Watts)	900
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
Output AC Waveform (AC Mode)	Sine wave
Output AC Waveform (Battery Mode)	Pure Sine wave
INPUT	
Rated input current (Maximum Load)	4.1A (220V),3.9A (230V), 3.8 (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
BATTERY	

Full Load Runtime (min.)	8 min. (900w)
Half Load Runtime (min.)	20 min. (450w)
DC System Voltage (VDC)	36
Battery Recharge Rate (Included Batteries)	Less than 8 hours from 10% to 90% (typical, full load discharge)
Internal UPS Replacement Battery Cartridge	RBC36-SLT
Battery Access	Battery access door
Battery Replacement Description	Hot-swappable, user replaceable batteries
Expandable Runtime	No

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.)	45
UPS Power Module Weight (kg)	20.4

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.)	48.6
Shipping Weight (kg)	22.1
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)	195.3
Battery Mode BTU / Hr. (Full Load)	582.9
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

CERTIFICATIONS

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
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