SmartPro 230V 1.5kVA 900W Line-Interactive Sine Wave UPS, Tower, Network Card Options, USB, DB9, 8 Outlets

MODEL NUMBER: **SMX1500SLT**

Highlights
- Corrects under- and overvoltages from 182V to 278V (230V)
- 8 C13 outlets
- Front-panel LEDs indicate load, power, voltage and battery statuses
- Network power management and control capability
- 20 min. runtime at half load; 8 min. at full load

Package Includes
- SMX1500SLT SmartPro 230V 1.5kVA 900W Line-Interactive Sine Wave UPS
- USB cable
- DB9 cable
- (2) IEC-320 C13-to-C14 power cables
- Owner's manual

Description

The SMX1500SLT SmartPro 230V 1.5kVA 900W 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 SMX1500SLT 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 SMX1500SLT has an internal battery that provides 20 minutes of support at half load and eight 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 SMX1500SLT enables safe unattended system shutdown and file saves in case of a prolonged power failure. Adding an optional Network Managment Card permits remote management of the UPS.

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

- Supports half load up to 20 min. and full load up to 8 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

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

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

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

Specifications

OUTPUT	
Output Volt Amp Capacity (VA)	1500
Output kVA Capacity (kVA)	1.5
Output Watt Capacity (Watts)	900
Nominal Output Voltage(s) Supported	220V; 230V; 240V
Nominal Voltage Details	230V default (voltage selection via back panel switches)
Frequency Compatibility	50 / 60 Hz
Frequency Compatibility Details	Automatic frequency selection
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)	25.91 x 17.27 x 33.53
UPS Power Module Weight (lbs.)	45
UPS Power Module Weight (kg)	20.41
UPS Shipping Dimensions (hwd / in.)	14 x 9.8 x 18.5
UPS Shipping Dimensions (hwd / cm)	35.56 x 24.89 x 46.99
Shipping Weight (lbs.)	48.6
Shipping Weight (kg)	22.1
Cooling Method	Fan
UPS Housing Material	Steel
Primary UPS Height (mm)	259
Primary UPS Width (mm)	173
Primary UPS Depth (mm)	335
Shipping Height (mm)	356
Shipping Width (mm)	249
Shipping Depth (mm)	470
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)	145
Battery Mode BTU / Hr. (Full Load)	585
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

COMMUNICATIONS	
Communications Interface	USB; DB9 Serial; Slot for SNMP/Web interface
Network Management Cards	SNMPWEBCARD; WEBCARDLX; RELAYIOCARD
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 http://www.tripplite.com/poweralert
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

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