SmartPro 230V 750VA 500W Line-Interactive Sine Wave UPS, Tower, Network Card Options, USB, DB9 Serial

MODEL NUMBER: **SMX750SLT**

Highlights

- 750VA line interactive tower UPS; Sine wave output
- 220/230/240V nominal output during brownouts and overvoltages
- Add optional WEBCARDLX with latest version of PADM20 for enhanced remote management
- Front panel status LEDs with load level and battery capacity display
- C14 input; 6 C13 outlets; Includes 2 C13 to C14 cables

Package Includes

- SMX750SLT UPS System
- USB and serial cabling
- User manual with warranty information

Description

Tripp Lite's SMX750SLT 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 15 minutes half load runtime and 5 minutes full load runtime. 750VA/500 watt power handling capability and full-time sine wave output offers guaranteed compatibility with networking, telecom and other sensitive electronic applications. Includes 6 protected C13 output receptacles total. Network management interfaces support communications via USB, RS-232 and slot for network management card options. HID-compliant USB interface enables integration with built-in power management and auto shutdown features of Windows and Mac OS X. Network communications ports enable detailed monitoring of equipment load levels, self-test data and utility power conditions. PowerAlert UPS monitoring software is available via free download. 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

- SMX750SLT 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
- 750VA/500 watt 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 15 minutes at half load (325VA/250 watts) and 5 minutes at full load (750VA/500 watts)
- Intelligent battery management system extends battery life
- Automatic Voltage Regulation (AVR) circuits maintain user-selectable 220, 230 or 240V nominal output over an input voltage range of 151 to 290
- Includes 6 C13 output receptacles
- IEC320-C14 input connection accepts a variety of detachable cordsets
- Compatible with Tripp Lite UPS management card options WEBCARDLX, RELAYIOCARD, SNMPWEBCARD
- 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
- 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
- HID-compliant USB interface enables integration with built-in power management and auto shutdown features of Windows and Mac OS X
- Supports Tripp Lite's WatchDog software application (requires optional WATCHDOGSW)
- 9 LEDs offer 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

Specifications

OVERVIEW	
UPC Code	037332124388
UPS Type	Line-Interactive

INPUT	
Rated input current (Maximum Load)	3.6A (220V), 3.5A (230V), 3.4A (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 Volt Amp Capacity (VA)	750
Output Watt Capacity (Watts)	500
Power Factor	0.7
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)	-11%, +6%
Output Voltage Regulation (Battery Mode)	+/- 5%
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

Nominal Output Voltage(s) Supported	220V; 230V; 240V
Output Receptacles	(6) C13
Individually Controllable Load Banks	No

BATTERY	
Battery Type	Valve Regulated Lead Acid (VRLA)
Full Load Runtime (min.)	5 min. (500w)
Half Load Runtime (min.)	15 min. (250w)
Expandable Runtime	No
DC System Voltage (VDC)	24
Battery Recharge Rate (Included Batteries)	Less than 4 hours to 90% (typical, full load discharge)
Battery Access	Battery access door
Internal UPS Replacement Battery Cartridge	RBC24-SLT
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 151 to 290V
Overvoltage Correction	Voltage reduction of 12% applies when input is 232-266 (220V), 244-278 (230V), 254-290 (240V); Voltage setpoints ±5% tolerance
Undervoltage Correction	Voltage boost of 15% applies when input is 175-198 (220V), 182-206 (230V), 190-216 (240V); Voltage setpoints ±5% tolerance
Severe Undervoltage Correction	Voltage boost of 30% applies when input is 151-174 (220V), 158-181 (230V), 166-190 (240V); Voltage setpoints ±5% tolerance

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	504
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
Cooling Method	Fan
Installation Form Factors Supported with Included Accessories	Tower
Primary UPS Depth (mm)	337
Primary UPS Height (mm)	260
Primary UPS Width (mm)	171
Shipping Dimensions (hwd / cm)	35.56 x 24.76 x 46.99
Shipping Dimensions (hwd / in.)	14.00 x 9.75 x 18.50
Shipping Weight (kg)	17.51
Shipping Weight (lbs.)	38.60
UPS Housing Material	Steel
UPS Power Module Dimensions (hwd, cm)	26.04 x 17.14 x 33.66
UPS Power Module Dimensions (hwd, in.)	10.25 x 6.75 x 13.25
UPS Power Module Weight (kg)	15.47
UPS Power Module Weight (lbs.)	34.1

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)	73
AC Mode Efficiency Rating (100% Load)	96%
Operating Elevation (ft.)	Up to 10,000 ft
Audible Noise	Audible Noise < 50 dBA at Front Side 1 Meter
Operating Elevation (m)	Up to 3,000m

COMMUNICATIONS

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 https://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
Network Management Card Description	Network management card optional
Communications Interface	DB9 Serial; Slot for SNMP/Web interface; USB (HID enabled)

LINE / BATTERY TRANSFER	
Transfer Time	4-8 milliseconds
Low Voltage Transfer to Battery Power (Setpoint)	151 (220V), 158 (230V), 166 (240V); Voltage setpoints ±5% tolerance
High Voltage Transfer to Battery Power (Setpoint)	266V (220V), 278V (230V) or 290V (240V); Voltage setpoints ±5% tolerance

FEATURES & SPECIFICATIONS	
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
Green Energy-Saving Features	Greater than 95% efficiency - GREEN UPS

STANDARDS & COMPLIANCE	
UPS Certifications	CE; Tested to GOST (Russia); Tested to SASO (Saudi Arabia)
Certification Details	EN62040-1, EN62040-2

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