

SmartPro LCD 230V 1.5kVA 900W Line-Interactive UPS, Tower, LCD display, USB, DB9 Serial

MODEL NUMBER: **SMX1500LCDT**



Highlights

- 1500VA / 1.5kVA tower 230V line interactive UPS with LCD display
- Maintains AC output during power failures
- Corrects brownouts and overvoltages from 170-280V
- LCD interface offers detailed UPS status and site power information
- USB interface and TEL/DSL/ethernet line surge suppression
- C14 inlet and 8 C13 outlets

Package Includes

- SMX1500LCDT UPS
- USB cabling
- 1.8m C13 to C14 power cable
- Manual with warranty information

Description

Tripp Lite's SMX1500LCDT Line-Interactive Tower UPS System offers voltage regulation, surge suppression and long-lasting battery support for personal computers, network workstations, home entertainment systems and media centers. Internal UPS circuits support entry-level PCs and other connected equipment during power failures, preventing data loss and downtime. Automatic Voltage Regulation (AVR) circuits continuously regulate brownouts and overvoltages from 170V to 280V back to usable levels, all while maintaining a full battery charge. Offers complete power protection in an attractive all-black cabinet design. Includes 8 built-in outlets, 6 with full battery backup and surge suppression for vital system components and an additional set of 2 outlets with surge-suppression only for accessories not requiring battery support. Built-in USB port and included cable enables optional unattended system shutdown without data loss in case of extended power failure. PowerAlert software is available via free download from www.tripplite.com. HID-compliant USB interface also enables integration with built-in power management and auto shutdown features of Windows and Mac OS X. Built-in surge dataline surge suppression jacks protect equipment with single-line dialup/DSL or network Ethernet connection. Built-in audible alarm and large LCD front panel display offers easy to read icon-based status indicators and detailed numeric data regarding input voltage, output voltage, frequency, load percentage, load watts, battery voltage and runtime in minutes. 1500VA/900W power-handling capacity supports entry-level PCs, home entertainment systems, network workstations and audio/video components.

Features

- SMX1500LCDT line interactive UPS offers network-grade voltage regulation, surge suppression and long lasting battery support
- 8 built-in C13 outlets, 6 with UPS and surge suppression for vital components and 2 additional outlets with surge-only protection for devices not requiring battery support
- C14 AC inlet connection; Includes one 6ft / 1.8m C13 to C14 line cord
- Maintains operation of connected equipment to prevent data loss, equipment damage and downtime associated with power failures and severe voltage fluctuations
- Line Interactive Automatic Voltage Regulation / AVR circuits continuously correct brownouts and overvoltages from 170 to 280V without using battery power
- Network-grade AC surge suppression protects equipment from damage and performance problems resulting from transient surges
- Offers 10 minutes runtime at 50% load (450 watts)
- Supports an entry level desktop system with LCD screen for up to 90 minutes during power failures (75 watts)



- LCD display continuously reports operating mode and battery charge level, plus additional UPS and site power data, such as input & output voltage, frequency, load percentage, load watts, battery voltage and estimated runtime in minutes
- USB monitoring port enables optional unattended system shutdown using PowerAlert UPS management software available via free download from www.tripplite.com
- HID-compliant USB interface also enables automatic integration with built-in power management and auto shutdown features of Windows and Mac OSX
- Optional PDUBHV10 bypass PDU enables hot-swappable UPS replacement with no disruption to connected equipment
- Built-in data line surge suppression offers protection for equipment with single-line dialup or network ethernet connection

Specifications

General Info	
RoHS	Y
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 nominal inverter output voltage
Frequency Compatibility	50 / 60 Hz
Output Voltage Regulation (Battery Mode)	+/- 5%
Output Receptacles	(8) C13
UPS Output Receptacles (Surge Suppression Only)	6 UPS outlets, 2 surge-only outlets
Hot-Swap PDU options	PDUBHV10 (2U / 8 C13 outlets)
Output AC Waveform (AC Mode)	Sine wave
Output AC Waveform (Battery Mode)	PWM sine wave
INPUT	
Rated input current (Maximum Load)	9A
Nominal Input Voltage(s) Supported	230V AC
UPS Input Connection Type	C14 inlet
Input Circuit Breakers	10A fuse
UPS Input Cord Length (ft.)	6
UPS Input Cord Length (m)	1.8
Input Phase	Single-Phase



BATTERY	
Half Load Runtime (min.)	10 minutes (450 watts)
DC System Voltage (VDC)	24
Battery Recharge Rate (Included Batteries)	Less than 8 hours from 10% to 90%
Internal UPS Replacement Battery Cartridge	RBC51 (requires 2)
VOLTAGE REGULATION	
Voltage Regulation Description	Automatic voltage regulation (AVR) maintains line power operation with a correction range from 170V to 280V
Overvoltage Correction	Input voltages between 247 and 280 are reduced by 15%
Undervoltage Correction	Input voltages between 170 and 207 are boosted by 18%
USER INTERFACE, ALERTS & CONTROLS	
Front Panel LCD Display	LCD screen with scroll buttons indicates Input voltage, Output voltage, Frequency (Hz), AVR boost / cut status, Output load in watts, Output load percentage, Output load in watts, Battery voltage and Estimated runtime in minutes
Switches	Power switch offers whole UPS power control; Scroll/mute button enables LCD selection options and silences audible alarm; Test button initiates self test
Alarm Cancel Operation	Power-fail alarm can be silenced using alarm-cancel switch
Audible Alarm	Audible alarm indicates power-failure and low-battery conditions
SURGE / NOISE SUPPRESSION	
UPS AC Suppression Joule Rating	455
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 (hwd, in.)	8 x 5.75 x 15.5
UPS Power Module Dimensions (hwd, cm)	20.3 x 14.6 x 39.4
UPS Power Module Weight (lbs.)	24.7
UPS Power Module Weight (kg)	11.2
UPS Shipping Dimensions (hwd / in.)	9 x 11 x 19.3



UPS Shipping Dimensions (hwd / cm)	22.9 x 27.9 x 49
Shipping Weight (lbs.)	27
Shipping Weight (kg)	12.3
Cooling Method	Fan
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 Efficiency Rating (100% Load)	95%
COMMUNICATIONS	
Communications Interface	USB (HID enabled)
Network Monitoring Port Description	Supports detailed monitoring of UPS and site power conditions
PowerAlert Software	Free download from www.tripplite.com
Communications Cable	USB cabling included
WatchDog Compatibility	Supports Watchdog application, OS and hard-reboot restart options for remote applications
LINE / BATTERY TRANSFER	
Transfer Time	6 milliseconds
Low Voltage Transfer to Battery Power (Setpoint)	170V (factory setting), 175V (medium setting), 180V (narrow setting)
High Voltage Transfer to Battery Power (Setpoint)	280V (factory setting), 275V (medium setting), 270V (narrow setting)
SPECIAL FEATURES	
Cold Start (Startup in Battery Mode During a Power Failure)	Cold-start operation supported
High Availability UPS Features	Hot swappable batteries
Green Energy-Saving Features	Greater than 95% efficiency - GREEN UPS
CERTIFICATIONS	
UPS Certifications	CE; Tested to GOST (Russia); Tested to SASO (Saudi Arabia)
UPS Certification Details	EN62040-1, EN62040-2 Class A
WARRANTY	



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Product Warranty Period (International)	2-year limited warranty
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