Tripp Lite
1111 W. 35th Street
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SmartPro 230V 1.5kVA 900W Line-Interactive UPS, Tower, LCD, USB, 8 Outlets

MODEL NUMBER: **SMX1500LCDT**











Protects connected mission-critical equipment against damage, downtime and data loss due to blackouts, brownouts, surges and line noise. Ideal for home/office workstations, media centers and home entertainment systems.

Highlights

- Corrects under- and overvoltages from 170V to 280V
- 8 C13 outlets—2 surge-only
- Interactive LCD monitoring screen
- Monitoring of power conditions via PowerAlert software
- 10 min. runtime at half load

Package Includes

- SMX1500LCDT SmartPro 230V 1.5kVA 900W Line-Interactive UPS
- USB cable
- C13-to-C14 power cable
- Owner’s manual

Description

The SMX1500LCDT SmartPro 230V 1.5kVA 900W Line-Interactive 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 home/office workstations, media centers and home entertainment systems, the SMX1500LCDT 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 IEC-320-C13 outlets and a C14 inlet that accepts a user-supplied AC power cord, the SMX1500LCDT has an internal battery that provides 10 minutes of support at half load. It can also power an entry-level PC up to 90 minutes. Two of the eight outlets provide surge protection only for printers and other non-essential devices A front-panel LCD screen lets you configure settings and monitor operating data, such as voltage, battery and load statuses.

Automatic voltage regulation (AVR) maintains 230V nominal output over an input range of 170V to 280V without using battery power. EMI/RFI noise filtering improves your equipment’s performance and prevents damage. A 455-joule surge suppression rating protects your equipment from harmful power surges. With Tripp Lite’s free downloadable PowerAlert software, SMX1500LCDT enables safe unattended system shutdown and file saves in case of a prolonged power failure.

Features

Protects Mission-Critical Equipment Provides fully regulated AC output for home/office workstations, media centers and home entertainment systemsAudible alarm signals loss of utility power or low battery8 C13 outlets—2 surge-onlyC14 inlet accepts user-supplied AC power cord with country-specific plug455-joule surge suppression rating
Reliable Battery Backup Supports half load up to 10 min.Powers entry-level PC up to 90 min.Internal

batteries designed for hot-swap field replacement95% line-power efficiency rating saves money in energy costsCold-start capability enables turn-on in battery mode during blackouts
Automatic Voltage Regulation (AVR) Maintains 230V nominal output over input range of 170V–280V without using battery power
EMI/RFI Line Noise Filtering Removes electromagnetic and radio frequency interference that can disrupt or damage equipment's performance
Interactive LCD Screen Front-panel LCD signals voltage, battery and load statusesSupports multiple advanced user setup and operating preferences
Communications PortUSB port enables data-saving unattended shutdown when used with Tripp Lite's PowerAlert software, available via FREE download from www.tripplite.com/poweralert
RJ45 Telephone/Ethernet Protection Jacks Protect phone/DSL/fax/modem/Ethernet network against power surges

Specifications

OVERVIEW	
UPC Code	037332177445
UPS Type	Line-Interactive
OUTPUT	
Output Volt Amp Capacity (VA)	1500
Output kVA Capacity (kVA)	1.5
Output Watt Capacity (Watts)	900
Nominal Voltage Details	230V nominal output in battery mode
Frequency Compatibility	50 / 60 Hz
Frequency Compatibility Details	Automatic frequency selection
Output Voltage Regulation (Battery Mode)	+/- 5%
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
Nominal Output Voltage(s) Supported	220V; 230V; 240V
Output Receptacles	(8) C13
Individually Controllable Load Banks	No
INPUT	
Rated input current (Maximum Load)	9A
Nominal Input Voltage(s) Supported	230V AC
UPS Input Connection Type	C14 inlet

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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)
Expandable Runtime	No
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	
Cooling Method	Fan
Installation Form Factors Supported with Included Accessories	Tower
Primary Form Factor	Tower
Primary UPS Depth (mm)	394

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Primary UPS Height (mm)	203
Primary UPS Width (mm)	146
Shipping Dimensions (hwd / cm)	28.70 x 23.11 x 49.02
Shipping Dimensions (hwd / in.)	11.30 x 9.10 x 19.30
Shipping Weight (kg)	12.34
Shipping Weight (lbs.)	27.20
UPS Power Module Dimensions (hwd, cm)	20.32 x 14.60 x 39.37
UPS Power Module Dimensions (hwd, in.)	8 x 5.75 x 15.5
UPS Power Module Weight (kg)	11.20
UPS Power Module Weight (lbs.)	24.7
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)	79
Battery Mode BTU / Hr. (Full Load)	918
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	For local monitoring via the UPS's built-in communication ports, download PowerAlert Local software at http://www.tripplite.com/poweralert
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

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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	
Product Warranty Period (International)	2-year limited warranty

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