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TRIPP·LITE
by EAT•N

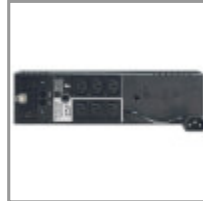# SmartPro 230V 1kVA 500W Line-Interactive UPS, Tower, LCD, USB, 6 Outlets

MODEL NUMBER: **SMX1000LCD**

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

Description

The SMX1000LCD SmartPro® 230V 1kVA 500W 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 SMX1000LCD 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 six C13 outlets and a C14 inlet that accepts a user-supplied AC power cord, the SMX1000LCD has an internal battery that provides 11 minutes of support at half load and three minutes at full load. It can also power an entry-level PC up to 60 minutes or a single DVR/VCR component up to three hours. Three of the six 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 171V to 266V without using battery power. EMI/RFI noise filtering improves your equipment's performance and prevents damage. A 480-joule surge suppression rating protects your equipment from harmful power surges. With free downloadable PowerAlert® software, SMX1000LCD 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 systems
- Audible alarm signals loss of utility power or overload
- 6 C13 outlets—3 surge-only
- C14 inlet accepts user-supplied AC power cord with country-specific plug
- 480-joule surge suppression rating

Reliable Battery Backup
- Supports half load up to 11 min. and full load up to 3 min.
- Powers entry-level PC up to 60 min. and a DVR/VCR component up to 3 hr.
- 96% line-power efficiency rating saves money in energy costs

- Cold-start capability enables turn-on in battery mode during blackouts

Automatic Voltage Regulation (AVR)
- Maintains 230V nominal output over input range of 171V–266V 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 statuses
- Supports multiple advanced user setup and operating preferences
- Rotates for easy viewing in rack-mount or tower configurations

Communications Port
- USB port enables data-saving unattended shutdown when used with PowerAlert software, available via FREE download from tripplite.eaton.com/products/power-alert

RJ45 Telephone/Ethernet Protection Jacks
- Protect phone/DSL/fax/modem/Ethernet network against power surges

Specifications

OVERVIEW	
UPC Code	037332125927
UPS Type	Line-Interactive

INPUT	
Input Phase	Single-Phase
Rated input current (Maximum Load)	10A
Nominal Input Voltage(s) Supported	230V AC
UPS Input Connection Type	C14 inlet
UPS Input Connection Description	Attached 15cm line cord with C14 inlet. The C14 inlet accepts user-supplied AC power cord with country specific plug.
UPS Input Cord Length (ft.)	0.5
UPS Input Cord Length (m)	0.2

OUTPUT	
Output Capacity (VA)	1000
Output Capacity (kVA)	1
Output Capacity (Watts)	500
Output Capacity (kW)	0.5

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%
Included Output Power Cables	Includes 2 C13 to C14 output power cables
UPS Output Receptacles (Surge Suppression Only)	3 UPS outlets, 3 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	(6) C13
Individually Controllable Load Banks	No

BATTERY	
Battery Type	Valve Regulated Lead Acid (VRLA)
Runtime Full Load (min.)	3 min. (500W)
Runtime Half Load (min.)	11 min. (250W)
Expandable Runtime	No
DC System Voltage (VDC)	12
Battery Recharge Rate (Included Batteries)	Less than 20 hours from 10% to 90%

VOLTAGE REGULATION	
Voltage Regulation Description	Automatic voltage regulation (AVR) maintains line power operation with input voltage as low as 171
Undervoltage Correction	Input voltages between 199 and 171 are boosted by 14%

USER INTERFACE, ALERTS & CONTROLS	
Front Panel LCD Display	Backlighted LCD screen indicates input voltage, 5-bar battery charge level, overload, AVR, on battery and replace battery status; LCD screen rotates for rack/tower viewing
Switches	2 Switches control off/on power status and alarm-cancel/self-test operation
Alarm Cancel Operation	Power-fail alarm can be silenced using alarm-cancel switch; once silenced, alarm will re-sound to indicate low-battery status
Audible Alarm	Audible alarm indicates power-failure and overload status; alarm can be disabled using PowerAlert software
LED Indicators	Front panel LCD display

SURGE / NOISE SUPPRESSION	
UPS AC Suppression Joule Rating	480

UPS AC Suppression Response Time	Instantaneous
UPS Dataline Suppression	1 line TEL/DSL (1 in / 1 out)
EMI / RFI AC Noise Suppression	Yes
PHYSICAL	
Primary Form Factor	Tower
Installation Form Factors Supported with Included Accessories	Tower
Primary UPS Depth (mm)	165
Primary UPS Height (mm)	305
Primary UPS Width (mm)	89
Shipping Dimensions (hwd / in.)	6.50 x 15.50 x 11.00
Shipping Dimensions (hwd / cm)	16.51 x 39.37 x 27.94
Shipping Weight (lbs.)	15.60
Shipping Weight (kg)	7.08
UPS Housing Material	ABS
UPS Power Module Dimensions (hwd, cm)	30.48 x 8.89 x 16.51
UPS Power Module Dimensions (hwd, in.)	12 x 3.5 x 6.5
UPS Power Module Weight (kg)	7.03
UPS Power Module Weight (lbs.)	15.5
Unit Weight (lbs.)	14.6000
Unit Weight (kg)	6.62
ENVIRONMENTAL	
Operating Temperature Range	32° to 104°F (0° to 40°C)
Storage Temperature Range	5° to 122°F (-15° to 50°C)
Relative Humidity	0 to 95%, non-condensing
AC Mode Efficiency Rating (100% Load)	96%
Battery Mode Heat Dissipation (BTU/Hr) @ Full Load	510
COMMUNICATIONS	
PowerAlert Software	For local monitoring via the UPS's built-in USB port, download PowerAlert software at https://tripplite.eaton.com/products/power-alert
Communications Cable	USB cable included
WatchDog Compatibility	Supports Watchdog application, OS and hard-reboot restart options for remote applications

Network Management Card Description	Network management not supported
Communications Interface	USB (HID enabled)

LINE / BATTERY TRANSFER	
Transfer Time	4 milliseconds
Low Voltage Transfer to Battery Power (Setpoint)	171
High Voltage Transfer to Battery Power (Setpoint)	266

FEATURES & SPECIFICATIONS	
Cold Start (Startup in Battery Mode During a Power Failure)	Cold-start operation supported
High Availability UPS Features	Automatic Voltage Regulation (AVR); Surge/noise protection
Green Energy-Saving Features	Greater than 95% efficiency - GREEN UPS

APPLICATIONS	
UPS Applications	Home/Office Desktop; Audio/Video; High-End Desktop/Small Network

STANDARDS & COMPLIANCE	
Product Certifications	GOST (Russia)
Product Compliance	RoHS; SASO (Saudi Arabia); CE (Europe); FCC Part 15 Class B (USA)

WARRANTY & SUPPORT	
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