1500VA 900W Line-Interactive UPS - 8 C13 Outlets, AVR, 230V, 50/60 Hz, USB, DB9, LCD, 2U Rack/Tower

MODEL NUMBER: **SMX1500LCD**







Rack-mount UPS offers complete power protection for small network applications, including wiring closets, security and digital signage.

Features

1.5kVA/900W/230V Battery Backup for PC Networks, Security Systems or Digital Signage
The SmartPro® line-interactive SMX1500LCD UPS system with AVR protection provides reliable battery backup and AC power protection against blackouts, brownouts, overvoltages, surges and line noise that can damage valuable electronics or destroy data. The eight-outlet 230V battery backup is ideal protection for home/office workstations, VoIP systems, small business networks and other professional applications, including retail, casino and hotel/motel management.

Allows Time to Back Up Critical Files During a Blackout
Backup support allows you to work through short power failures and gives you enough time to safely save files and shut down your system in case of a prolonged blackout. Backup time varies according to load, but the line-interactive UPS system should keep an energy-efficient desktop computer with small LCD monitor powered as long as 60 minutes. During normal operation, incoming utility power keeps the replaceable internal battery fully charged, so backup power will always be available.

8 C13 Outlets Protect Your Connected Components
Eight IEC 320 C13 outlets provide battery backup, 360 joules of surge protection and voltage regulation for your computer, monitor and other crucial components.

Automatic Voltage Regulation (AVR) Corrects Low- and High-Voltage Conditions
AVR protects your equipment from incremental hardware damage, data loss and performance problems caused by brownouts and overvoltages. The SMX1500LCD can correct brownouts as low as 144V and overvoltages as high as 282V back to nominal 230V power continuously, all while keeping the battery fully charged and ready to take over in case of power failure.

Combats Line Noise That Can Harm Equipment
EMI (electromagnetic interference) and RFI (radio frequency interference) are common causes of performance problems and can lead to incremental hardware damage, data corruption and audio/video transmission problems. The SMX1500LCD filters out this disruptive line noise on the AC line, so that it won't affect your equipment.

Designed for High Efficiency to Help You Save Money and Protect the Environment
A 96% efficiency rating reduces BTU emissions, energy consumption and, ultimately, your energy costs.

Highlights

- Protects equipment against blackouts, brownouts, overvoltages, surges and line noise
- Keeps AC power running during blackouts to allow time for file saves and safe shutdown
- Maintains continuous 230V nominal output during brownouts and overvoltages
- Easy-to-read LCD allows real-time monitoring of voltage, battery status and other data
- High 96% efficiency with low BTU ratings saves electricity and lowers your energy costs

Applications

- Protect your PC and other sensitive electronics against power surges, line noise, brownouts, overvoltages and blackouts
- Operate essential equipment during short-term power outages using battery backup power
- Shut down desktop PCs and other equipment without data loss during long-term power outages
- Connect high-end security systems, casino gaming machines or digital signage in a small network

Package Includes

- SMX1500LCD 1500VA 900W 230V Line-Interactive UPS with 8 Outlets
- USB cable
- RJ11 cable
- (2) C13 to C14 power cables
- Tower/rack mounting hardware
- Owner's manual

Alarm and Easy-to-Read LCD Keep You Informed 24/7
The LCD screen indicates input voltage, battery charge level, overload, AVR, on-battery and replace battery status. It rotates for easy viewing in either rack or tower configuration. The audible alarm sounds for power failure, low battery and overloads. You may silence it using the built-in switch or disable it remotely through your PC.

Advanced Communications Ports Allow for Automatic Saves and Shutdowns
RS-232 and HID-compliant USB ports connect to a computer running free downloadable PowerAlert® software to enable safe unattended file saves and system shutdown in case of a prolonged power failure. A USB cable is included.

Versatile Installation Options
Hardware is included for mounting the SmartPro UPS system in 2U of space in an EIA-standard 19-inch 4-post or 2-post rack. It will also stand in a tower position using the included hardware for extra stability. You can rotate the LCD screen to match the UPS' orientation. The unit has a C14 power input that connects to an AC power source with an appropriate cord.

Specifications

OVERVIEW	
UPC Code	037332126078
UPS Type	Line-Interactive
INPUT	
Input Phase	Single-Phase
Rated input current (Maximum Load)	4.4A
Nominal Input Voltage(s) Supported	230V AC
UPS Input Connection Type	C14 inlet
UPS Input Connection Description	Chassis mounted C14 inlet accepts user-supplied AC power cord with country specific cordsets
Input Circuit Breakers	5A
Input Frequency	±3Hz
OUTPUT	
Output Capacity (VA)	1500
Output Capacity (kVA)	1.5
Output Capacity (Watts)	900
Output Capacity (kW)	0.9
Nominal Voltage Details	230V nominal output in battery mode
Frequency Compatibility	50 / 60 Hz
Frequency Compatibility Details	Automatic frequency selection
Output Voltage Regulation (Line Mode)	-18%, +8%

Output Voltage Regulation (Battery Mode)	+/- 5%
Included Output Power Cables	Includes 2 C13 to C14 output power cables.
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
BATTERY	
Battery Type	Valve Regulated Lead Acid (VRLA)
Runtime Full Load (min.)	4.5 min. (900W)
Runtime Half Load (min.)	12 min. (450W)
Expandable Runtime	No
DC System Voltage (VDC)	24
Battery Recharge Rate (Included Batteries)	4.5 hours from 10% to 90%
Battery Access	Includes battery access door
Internal UPS Replacement Battery Cartridge	IMPORTANT BATTERY REPLACEMENT INFORMATION > If your SMX1500LCD UPS has no battery replacement door, please contact a local electronics repair technician to source and install a matching replacement battery; If your SMX1500LCD UPS is equipped with a battery access door, please order Tripp Lite RBC1500 (quantity 1) replacement battery
Battery Replacement Description	Hot-swappable, user-replaceable internal battery cartridge
VOLTAGE REGULATION	
Voltage Regulation Description	Automatic voltage regulation (AVR) maintains line power operation with an input voltage range of 144 to 282
Overvoltage Correction	Input voltages between 245 and 282 are reduced by 12%
Undervoltage Correction	Input voltages between 177 and 199 are boosted by 14%
Severe Undervoltage Correction	Input voltages between 144 and 176 are boosted by 30%
USER INTERFACE, ALERTS & CONTROLS	
Front Panel LCD Display	Backlighted LCD screen offers detailed UPS status information, configuration options and Error message reporting; STATUS INFORMATION includes Input Voltage, Output Voltage, Estimated Runtime (minutes), Output Load Percentage, Output Load Wattage, Battery Charge Percentage, Graphical 5-Bar Battery Charge Level and UPS Operating Mode Display; CONFIGURATION OPTIONS include Power Sensitivity, LCD Status Information Scrolling, Alarm Disable, LCD Brightness and Self Test / REPORTED ERROR MESSAGES include Replace-Battery and Overload conditions; LCD Screen rotates for vertical or horizontal UPS placement
Switches	ON/OFF/MODE button provides UPS on/off power control (long-press) and advances the LCD screen display (short tap); MUTE/ENTER button provides temporary alarm cancel, plus selection and confirmation of on-screen configuration options
Alarm Cancel Operation	Press the MUTE/ENTER button during a power failure to silence the alarm; Once silenced, alarm will re-sound to indicate low-battery status

Audible Alarm	Audible alarm indicates power-failure and low-battery status; Alarm can be disabled entirely via front panel LCD interface (see manual)
LED Indicators	Front panel LCD display
SURGE / NOISE SUPPRESSION	
UPS AC Suppression Joule Rating	360
UPS AC Suppression Response Time	Instantaneous
UPS Dataline Suppression	1 line TEL/DSL (1 in / 1 out); 10/100Base T Ethernet
UPS Dataline Suppression Details	RJ11 telephone cable included
EMI / RFI AC Noise Suppression	Yes
PHYSICAL	
Primary Form Factor	Rackmount
Rack Height	2U
Cooling Method	Convection
Included Mounting Accessory Description	Included mounting brackets enable installation in 2 and 4 post racks, plus upright tower configurations; Set of 4 rubber-feet enable no-slip horizontal desktop placement
Installation Form Factors Supported with Included Accessories	2 post 19 inch rackmount; 2 post front mount; 4 post 19 inch rackmount; Tower
Minimum Required Rack Depth (cm)	35.56
Minimum Required Rack Depth (inches)	14
Primary UPS Depth (mm)	267
Primary UPS Height (mm)	89
Primary UPS Width (mm)	438
Shipping Dimensions (hwd / in.)	7.80 x 15.28 x 21.77
Shipping Dimensions (hwd / cm)	19.81 x 38.81 x 55.30
Shipping Weight (lbs.)	34.55
Shipping Weight (kg)	15.67
UPS Housing Material	ABS
UPS Power Module Dimensions (hwd, cm)	8.89 x 43.82 x 26.67
UPS Power Module Dimensions (hwd, in.)	3.5 x 17.25 x 10.5
UPS Power Module Weight (kg)	13.34
UPS Power Module Weight (lbs.)	29.4
Unit Weight (lbs.)	29.400
Unit Weight (kg)	13.34
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 BTU / Hr. (Full Load)	133
AC Mode Efficiency Rating (100% Load)	96%
Battery Mode Heat Dissipation (BTU/Hr) @ Full Load	542
COMMUNICATIONS	
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 software at https://tripplite.eaton.com/products/power-alert
Communications Cable	USB cabling 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	DB9 Serial; USB (HID enabled)
LINE / BATTERY TRANSFER	
Transfer Time	3 milliseconds (AC to battery mode) / 2 milliseconds (battery to AC mode)
Low Voltage Transfer to Battery Power (Setpoint)	144
High Voltage Transfer to Battery Power (Setpoint)	282
FEATURES & SPECIFICATIONS	
Cold Start (Startup in Battery Mode During a Power Failure)	Cold-start operation supported
High Availability UPS Features	Automatic Voltage Regulation (AVR); Hot swappable batteries; Surge/noise protection
Green Energy-Saving Features	Greater than 95% efficiency - GREEN UPS
APPLICATIONS	
UPS Applications	Home/Office Desktop; Audio/Video
STANDARDS & COMPLIANCE	
Product Certifications	GOST (Russia); EN 62040-1; EN 62040-2
Product Compliance	RoHS; SASO (Saudi Arabia); CE (Europe)
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

1000 Eaton Boulevard
Cleveland, OH 44122
United States
https://tripplite.eaton.com

© 2024 Eaton. All Rights Reserved.
Eaton is a registered trademark. All other trademarks
are the property of their respective owners.