

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

MODEL NUMBER: **SMX1000LCD**



## Highlights

- Corrects under- and overvoltages from 171V to 266V
- 6 C13 outlets—3 surge-only
- Interactive LCD monitoring screen
- Monitoring of power conditions via POWERALERT12
- 11 min. runtime at half load; 3 min. at full load

## Package Includes

- SMX1000LCD SmartPro 230V 1kVA 500W Line-Interactive UPS
- USB cable
- RJ11 cable
- (2) IEC-320 C13-to-C14 power cables
- Owner's manual

## 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 Tripp Lite's free downloadable POWERALERT12 software, the 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.
- Internal batteries designed for hot-swap field replacement
- 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 combines with free downloadable POWERALERT12 software to monitor operating conditions, monitor AC power, and enable safe unattended system shutdown and file saves in case of a prolonged power failure

#### RJ45 Telephone/Ethernet Protection Jacks

- Protect phone/DSL/fax/modem/Ethernet network against power surges

## Specifications

OUTPUT	
Output Volt Amp Capacity (VA)	1000
Output kVA Capacity (kVA)	1.0
Output Watt Capacity (Watts)	500
Nominal Output Voltage(s) Supported	220V; 230V; 240V
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%
Output Receptacles	(6) C13
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
<b>INPUT</b>	
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
Input Phase	Single-Phase
<b>BATTERY</b>	
Full Load Runtime (min.)	3 min. (500w)
Half Load Runtime (min.)	11 min. (250w)
DC System Voltage (VDC)	12
Battery Recharge Rate (Included Batteries)	Less than 20 hours from 10% to 90%
Expandable Runtime	No
<b>VOLTAGE REGULATION</b>	
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%
<b>USER INTERFACE, ALERTS &amp; CONTROLS</b>	
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
<b>SURGE / NOISE SUPPRESSION</b>	
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
<b>PHYSICAL</b>	
Installation Form Factors Supported with Included Accessories	Tower
Primary Form Factor	Tower
UPS Power Module Dimensions (hwd, in.)	12 x 3.5 x 6.5
UPS Power Module Dimensions (hwd, cm)	30.5 x 8.9 x 16.5
UPS Power Module Weight (lbs.)	15.5
UPS Power Module Weight (kg)	7
UPS Shipping Dimensions (hwd / in.)	6.5 x 15.5 x 11
UPS Shipping Dimensions (hwd / cm)	16.5 x 39.4 x 27.9
Shipping Weight (lbs.)	15.8
Shipping Weight (kg)	7.2
UPS Housing Material	ABS
<b>ENVIRONMENTAL</b>	
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)	70.8
Battery Mode BTU / Hr. (Full Load)	507.8
AC Mode Efficiency Rating (100% Load)	96%
<b>COMMUNICATIONS</b>	
Communications Interface	USB (HID enabled)
PowerAlert Software	Free download from <a href="http://www.tripplite.com">www.tripplite.com</a>
Communications Cable	USB cable included
WatchDog Compatibility	Supports Watchdog application, OS and hard-reboot restart options for remote applications
<b>LINE / BATTERY TRANSFER</b>	
Transfer Time	4 milliseconds
Low Voltage Transfer to Battery Power (Setpoint)	171
High Voltage Transfer to Battery Power (Setpoint)	266

**SPECIAL FEATURES**

Cold Start (Startup in Battery Mode During a Power Failure)

Cold-start operation supported

Green Energy-Saving Features

Greater than 95% efficiency - GREEN UPS

**CERTIFICATIONS**

UPS Certifications

CE; Tested to GOST (Russia); Tested to SASO (Saudi Arabia); Meets FCC Part 15 Category B (EMI)

UPS Certification Details

CE 62040

**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