Model #: SMX1000LCD

Smart LCD 1000VA Tower Line-Interactive 230V UPS with LCD display and USB port

Highlights

- 1000VA / 1kVA tower 230V line interactive UPS with LCD display
- Corrects brownouts as low as 171V without using battery power
- LCD screen reports input voltage, battery charge and UPS status
- USB port, TEL/DSL protection
- C14 input and 6 C13 outlets

Description

Tripp Lite's SMX1000LCD Line-Interactive Digital 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 for up to 60 min. or individual VCR/DVR component for as long as 3 hours during power failures. Prevents data loss, viewing interruptions, lost recordings and loss of component programming. Automatic Voltage Regulation (AVR) circuits regulate brownouts as low as 171V back to usable levels without consuming battery power. Offers complete power protection in an attractive black tower configuration. Includes 3 battery-supported outlets, plus 3 additional surge suppression-only outlets for items not requiring battery support. USB port enables optional unattended system shutdown without data loss in case of extended power failure; USB cable included. PowerAlert Software available via free download from www.tripplite.com. HID-compliant USB interface enables integration with built-in power management and auto shutdown features of Windows and Mac OS X. Built-in single-line RJ-11 phone suppression jacks protect modem, satellite receiver or other peripherals with a standard dialup/DSL phone connection. Built-in audible alarm and large LCD front panel voltage display indicate line power status, battery power status, battery low/replace status and voltage boost operation. 1000VA/500W power-handling ability supports entry-level PCs, home entertainment systems, network workstations, audio/video components. Offers 3 min. battery runtime with a full load of 1000VA/500W and 11 min. with a half load of 500VA/250W.

Package Includes

- SMX1000LCD Digital UPS System
- 1 USB cable, 1 phone (RJ11) cable and 2 C13-to-C14 cables
- Manual with warranty information

Features

- LCD Display indicates input voltage, battery capacity and a variety of operating conditions. Display is rotatable for easy viewing with UPS in either vertical or horizontal position
- SMX1000LCD Digital Uninterruptible Power Supply offers voltage regulation, surge suppression and long-lasting battery support during blackouts
- Supports entry-level PCs up to 60 min. or single VCR/DVR components for up to 3 hours during blackouts
- Regulates brownouts as low as 171V back to usable levels without consuming battery power
- 6 AC outlets: 3 UPS battery-supported/surge suppression, 3 surge suppression only
- USB port and cable enable unattended shutdown in the case of extended power failure
- HID-compliant USB port enables integration with built-in power management and auto shutdown features of Windows and Mac OS X

- PowerAlert Software available via free download from www.tripplite.com
- Single-line phone suppression protects standard dialup/DSL phone connection
- 1000VA/500W power handling ability supports a variety of sensitive computer, home theater and other equipment
- 3 min. full load runtime (1000VA/500W); 11 min. half-load runtime (500VA/250W)
- Includes two C13-to-C14 output power cables
- C14 inlet supports a wide variety of user supplied site or country specific high voltage international plugsets
- Cabinet adapts to tower and 2U rackmount shelf formats. Rackmount format requires optional shelf, available separately
- Attractive full-color retail packaging

Specifications

OUTPUT	
Output Volt Amp Capacity (VA)	1000
Output Watt Capacity (watts)	500
Nominal Output Voltage(s) Supported	220V; 230V; 240V
Nominal Voltage details	230V inverter nominal voltage output
Frequency compatibility	50 / 60 Hz
Output voltage regulation (Battery mode)	+/- 5%
Built-in UPS output receptacles	6 C13 outlet(s)
Included output power cables	Includes 2 C13 to C14 output power cables
Surge suppression only outlets	3 UPS outlets, 3 surge-only outlets
Output AC waveform (AC mode)	Sine wave
Output AC waveform (battery mode)	PWM sine wave
INPUT	
Rated input current (at 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
BATTERY	
Full load runtime (minutes)	3 min. (500w)

Half load runtime (minutes)	11 min. (250w)
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%

LEDS ALARMS & SWITCHES

LED Indicators	Front panel LCD display
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
Alarms	Audible alarm indicates power-failure, low-battery and overload status; alarm can be disabled using PowerAlert software
Alarm cancel operation	Power-fail alarm can be silenced using alarm-cancel switch; once silenced, alarm will re-sound to indicate low-battery status
Switches	2 Switches control off/on power status and alarm-cancel/self-test operation

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

Installation form factors supported with included accessories	Tower
Primary form factor	Tower
UPS / Power Module dimensions in primary form factor (height x width x depth / inches)	12 x 3.5 x 6.5
UPS / Power Module dimensions in primary form factor (height x width x depth / cm)	30.5 x 8.9 x 16.5
Installed whole system dimensions in secondary form factor (height x width x depth / cm)	8.9 x 30.5 x 16.5
Secondary form factor	Horizontal desktop placement

Installed whole system dimensions in secondary form factor (height x width x depth / inches)	3.5 x 12 x 6.5
UPS dimensions in secondary form factor (height x width x depth / cm)	8.9 x 30.5 x 16.5
UPS / Power Module weight (lbs)	15.5
UPS / Power Module weight (kg)	7
UPS Shipping dimensions (height x width x depth / inches)	6.5 x 15.5 x 11
UPS Shipping dimensions (height x width x depth / cm)	16.5 x 39.4 x 27.9
Shipping weight (lbs)	15.8
Shipping weight (kg)	7.2
UPS housing material	ABS

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)	70.8
Battery mode BTU / hr. (full load)	507.8

COMMUNICATIONS

Communications interface	USB (HID enabled)
PowerAlert software	Free download from www.tripplite.com
Communications cable	USB cable included
WatchDog compatibility	Supports Watchdog application, OS and hard-reboot restart options for remote applications

LINE / BATTERY TRANSFER

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 & high efficiency 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

Related Items

Optional Products

Related Model	Description	Qty.
DCATV	Network Surge Suppressor - Essential protection for TV/VCR coaxial lines	1
DNET1	Network Surge Suppressor - Essential protection for data and communication lines	1
DTEL2	Network Surge Suppressor - Essential protection for data and communication lines	1
SRSHELF2P	2U Cantilever Fixed Shelf (60 lb / 27 kg capacity; 18-in. / 457 mm depth.)	1
U022-010	10-ft. USB2.0 A/B Gold Device Cable (A Male to B Male)	1
WATCHDOGSW	WatchDog Service Monitoring / Reboot Software	1

More information, including related products, owner's manuals, and additional technical specifications, can be found online at www.tripplite.com/en/products/model.cfm?txtModelID=3200.