

## SmartPro LCD 230V 1.5kVA 900W Line-Interactive UPS, AVR, 2U Rack/Tower, LCD display, USB, DB9 Serial

MODEL NUMBER: **SMX1500LCD**



### Description

Tripp Lite's SMX1500LCD 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 components for up to 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 176V back to usable levels without consuming battery power. Offers complete power protection in an attractive black tower configuration. Includes 8 battery-supported AC outlets. 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](http://www.tripplite.com). HID-compliant USB interface enables full integration with built-in power management and auto shutdown features of Windows and Mac OS X. Built-in single-line phone suppression protect modem, satellite receiver or other peripherals with a standard dialup/DSL phone connection or dataline connection. Set of 2.2 GHz coaxial jacks protect against surges entering on CATV, satellite or broadcast antenna connections. 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. 1500VA/900W power-handling ability supports entry-level PCs, home entertainment systems, network workstations, audio/video components and more. Offers 4.5 min. battery runtime with a full load of 1500VA/900W and 12 min. with a half load of 750VA/450W.

### Features

- LCD Display indicates input voltage, battery capacity and a variety of operating conditions. Display is rotatable for easy viewing whether UPS is in vertical or horizontal position
- Provides voltage regulation, surge suppression and long-lasting battery support during blackouts
- 8 AC outlets provide connected equipment with UPS battery support plus surge suppression
- C14 inlet accepts user-supplied AC power cord with country specific plug.
- Included DB9 serial and USB monitoring port and cable enables unattended shutdown in the case of extended power failure
- HID-compliant USB port enables full 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](http://www.tripplite.com)
- Set of tel/DSL jacks protects a single dialup/DSL phone line or Ethernet connection
- Set of 2.2 GHz coaxial jacks protect against surges entering on CATV, satellite or broadcast antenna connections

### Highlights

- 1500VA / 1.5kVA 2U rack/tower 230V line interactive UPS with LCD display
- Corrects brownouts and overvoltages from 144V to 282V
- LCD screen reports input voltage, battery charge and UPS status
- USB, DB9 serial, TEL/DSL/ethernet/coax protection, Rackmount kit
- C14 input and 8 C13 outlets

### Package Includes

- SMX1500LCD Digital UPS System
- USB cable, phone (RJ11) cable and coax cable
- 2 C13-to-C14 jumper cables
- 2 tower/rackmount brackets
- Owner's manual with warranty information



- 1500VA/900W power handling ability supports a variety of sensitive computer, home theater and other equipment
- 4.5 min. full load runtime(1500VA/900W); 12 min. half-load runtime(750VA/450W)
- Optional [PDUBHV10](#) bypass PDU enables hot-swappable UPS replacement with no disruption to connected equipment
- Cabinet adapts to tower or rackmount shelf format. Rackmount installation brackets for 2U installation in 2- or 4-post racks included

## Specifications

OUTPUT	
Output Volt Amp Capacity (VA)	1500
Output kVA Capacity (kVA)	1.5
Output Watt Capacity (Watts)	900
Nominal Output Voltage(s) Supported	220V; 230V; 240V
Nominal Voltage Details	230v inverter nominal output voltage
Frequency Compatibility	50 / 60 Hz
Output Voltage Regulation (Line Mode)	-18%, +8%
Output Voltage Regulation (Battery Mode)	+/- 5%
Output Receptacles	(8) C13
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
INPUT	
Rated input current (Maximum Load)	4.4A
Nominal Input Voltage(s) Supported	230V AC
UPS Input Connection Type	C14 inlet
UPS Input Connection Description	Attached 15cm line cord with C14 inlet. C14 inlet accepts user-supplied AC power cord with country specific plug.
Input Circuit Breakers	5.5A
UPS Input Cord Length (ft.)	0.5
UPS Input Cord Length (m)	0.2
Input Phase	Single-Phase
BATTERY	
Full Load Runtime (min.)	4.5 min. (900w)
Half Load Runtime (min.)	12 min. (450w)



DC System Voltage (VDC)	24
Battery Recharge Rate (Included Batteries)	Less than 4.5 hours from 10% to 90%
Expandable Runtime	No
<b>VOLTAGE REGULATION</b>	
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%
<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, low-battery 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	890
UPS AC Suppression Response Time	Instantaneous
UPS Dataline Suppression	1 line TEL/DSL (1 in / 1 out); 10/100Base T Ethernet; Coax jacks (1 set)
EMI / RFI AC Noise Suppression	Yes
<b>PHYSICAL</b>	
Installation Form Factors Supported with Included Accessories	Tower
Included Mounting Accessory Description	Pair of mounting ears enable tower and 2-4 post rackmount installation
Primary Form Factor	Rackmount
UPS Power Module Dimensions (hwd, in.)	3.5 x 17.2 x 10.5
UPS Power Module Dimensions (hwd, cm)	8.9 x 43.8 x 26.7
Installed Whole System Maximum Rack Depth (in.)	10.5
Installed Whole System Maximum Rack Depth (cm)	26.7



Rack Height (U Spaces)	2
UPS Power Module Weight (lbs.)	29.4
UPS Power Module Weight (kg)	13.3
UPS Shipping Dimensions (hwd / in.)	7.5 x 22.5 x 15.2
UPS Shipping Dimensions (hwd / cm)	19 x 57.2 x 38.7
Shipping Weight (lbs.)	33.4
Shipping Weight (kg)	15.2
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)	127.5
Battery Mode BTU / Hr. (Full Load)	540
AC Mode Efficiency Rating (100% Load)	96%
<b>COMMUNICATIONS</b>	
Communications Interface	USB (HID enabled); DB9 Serial
Network Monitoring Port Description	Supports detailed monitoring of UPS and site power conditions
PowerAlert Software	Free download from <a href="http://www.tripplite.com">www.tripplite.com</a>
Communications Cable	USB and DB9 Serial cabling included
WatchDog Compatibility	Supports Watchdog application, OS and hard-reboot restart options for remote applications
<b>LINE / BATTERY TRANSFER</b>	
Transfer Time	2-4 milliseconds
Low Voltage Transfer to Battery Power (Setpoint)	144
High Voltage Transfer to Battery Power (Setpoint)	282
<b>SPECIAL FEATURES</b>	
Cold Start (Startup in Battery Mode During a Power Failure)	Cold-start operation supported
Green Energy-Saving Features	Greater than 95% efficiency - GREEN UPS
<b>CERTIFICATIONS</b>	



**Tripp Lite**  
1111 W. 35th Street  
Chicago, IL 60609 USA  
Telephone: 773.869.1234  
[www.tripplite.com](http://www.tripplite.com)

UPS Certifications	CE; Tested to GOST (Russia); Tested to SASO (Saudi Arabia); Meets FCC Part 15 Category A (EMI)
UPS Certification Details	CE IEC 62040-1-1, 62040-1-2
<b>WARRANTY</b>	
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

© 2015 Tripp Lite. All rights reserved. All product and company names are trademarks or registered trademarks of their respective holders. Use of them does not imply any affiliation with or endorsement by them. Tripp Lite has a policy of continuous improvement. Specifications are subject to change without notice. Tripp Lite uses primary and third-party agencies to test its products for compliance with standards. See a list of Tripp Lite's testing agencies: <http://www.tripplite.com/products/product-certification-agencies>



Компания «ЭлектроПласт» предлагает заключение долгосрочных отношений при поставках импортных электронных компонентов на взаимовыгодных условиях!

Наши преимущества:

- Оперативные поставки широкого спектра электронных компонентов отечественного и импортного производства напрямую от производителей и с крупнейших мировых складов;
- Поставка более 17-ти миллионов наименований электронных компонентов;
- Поставка сложных, дефицитных, либо снятых с производства позиций;
- Оперативные сроки поставки под заказ (от 5 рабочих дней);
- Экспресс доставка в любую точку России;
- Техническая поддержка проекта, помощь в подборе аналогов, поставка прототипов;
- Система менеджмента качества сертифицирована по Международному стандарту ISO 9001;
- Лицензия ФСБ на осуществление работ с использованием сведений, составляющих государственную тайну;
- Поставка специализированных компонентов (Xilinx, Altera, Analog Devices, Intersil, Interpoint, Microsemi, Aeroflex, Peregrine, Syfer, Eurofarad, Texas Instrument, Miteq, Cobham, E2V, MA-COM, Hittite, Mini-Circuits, General Dynamics и др.);

Помимо этого, одним из направлений компании «ЭлектроПласт» является направление «Источники питания». Мы предлагаем Вам помощь Конструкторского отдела:

- Подбор оптимального решения, техническое обоснование при выборе компонента;
- Подбор аналогов;
- Консультации по применению компонента;
- Поставка образцов и прототипов;
- Техническая поддержка проекта;
- Защита от снятия компонента с производства.



#### Как с нами связаться

**Телефон:** 8 (812) 309 58 32 (многоканальный)

**Факс:** 8 (812) 320-02-42

**Электронная почта:** [org@eplast1.ru](mailto:org@eplast1.ru)

**Адрес:** 198099, г. Санкт-Петербург, ул. Калинина, дом 2, корпус 4, литера А.