



Tripp Lite
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Model #: SMX1500LCD

SmartPro Digital UPS - Line interactive UPS for personal computers, workstations, home entertainment System and media centers



Highlights

- 1500VA / 1.5kVA line interactive tower UPS
- Maintains 230V nominal output over an input range of 144 to 282V
- Workstation / media-center optimized features supported via USB port (HID-PDC compliant), coaxial surge suppression, single line TEL / DSL surge suppressionsuppression and single-line tel/DSL surge suppresssion
- Large backlit LCD input voltage display rotates for upright visibility in shelf or tower placement
- Input: C14 inlet (230V) / Output: 8 C13 (230V) / Jumpers: Includes 2 C13 to C14 cables
- 2 year product warranty

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. 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 RJ-11 phone suppression jacks protect modem, satellite receiver or other peripherals with a standard dialup/DSL phone 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. 2-year warranty.

Applications

Entry-level PCs, networked workstations, point-of-sale equipment, small business phone systems, audio/video equipment and home theater systems. Ideal for sensitive electronic applications in areas where brownout conditions are common

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

Features

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. 2-year warranty.

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

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

Set of tel/DSL jacks protects a single dialup/DSL phone line connection

Set of 2.2 GHz coaxial jacks protect against surges entering on CATV, satellite or broadcast antenna connections

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)

Cabinet adapts to tower or rackmount shelf format. Rackmount installation brackets for 2U installation in 2- or 4-post racks included

2-year product warranty

Specifications

SYSTEM OVERVIEW	
Voltage compatibility	230V AC
Frequency compatibility	50 / 60 Hz
OUTPUT	
Output VA	1500
Output watts	900
Output nominal voltage	230V AC
Output voltage regulation	BATTERY MODE: PWM sine wave 230V +/-5%
Output frequency regulation	LINE MODE: Passes line frequency of 50/60Hz +/-10% BATTERY MODE: Inverter output regulated to 50/60Hz +/-0.5Hz
Outlet quantity / type	8 x IEC-C13
INPUT	
Maximum input amps	4.4
Input connection type	IEC-C14
BATTERY	
Full load runtime	4.5 min. (1500VA / 900w)
Half load runtime	12min. (750VA / 450w)
DC system voltage	24V DC
Typical battery lifespan	3-6 years depending on usage
Battery recharge rate	4-8 hours to 90%
VOLTAGE REGULATION	
Voltage regulation description	Line-interactive voltage regulation corrects brownouts as low as 144V and overvoltages to 282 back to usable 230v values
Overvoltage correction	Input voltages between 245 and 282 are reduced by 12%
Brownout correction	Input voltages between 177 and 199 are boosted by 14%
Severe brownout correction	Input voltages between 144 and 176 are boosted by 30%
LEDS ALARMS & SWITCHES	
Front panel LEDs	Front panel LCD screen with blue backlight offers continuous input line voltage data, plus line power status, battery power status, battery charge level and voltage regulation operation

Alarms	Audible alarm with 15-sec. delay sounds to indicate loss of utility power. Alarm can be silenced by pressing front panel alarm cancel button. Once silenced, alarm will re-sound when approximately 2 min. full load runtime remains
Switches	Includes 2 front panel switchesone main on/off power switch and one dual function alarm cancel/self test button
SURGE / NOISE SUPPRESSION	
AC surge suppression	480 joules
AC suppression response time	Instantaneous
Dataline suppression	Single line tel/DSL
EMI / RFI AC noise suppression	Yes
PHYSICAL	
Shipping weight (lbs)	33.4
Shipping weight (kg)	15.2
Shipping Dimensions (HWD/in)	7.5 x 22.25 x 15.25
Shipping Dimensions (HWD/cm)	19.1 x 56.5 x 38.7
Unit weight (lbs)	29.4
Unit weight (kg)	13.3
Unit Dimensions (HWD/in)	3.5 x 17.25 x 10.5
Unit Dimensions (HWD/cm)	8.89 x 43.82 x 27
Material of construction	ABS
Form factors supported	Rack/Tower
Cooling method	Convection
ENVIRONMENTAL	
Relative Humidity	0 to 95%, non-condensing
Storage Temperature	+5 to +122 degrees Fahrenheit / -15 to +50 degrees Celsius
Operating Temperature	+32 to +104 degrees Fahrenheit / 0 to +40 degrees Celsius
COMMUNICATIONS	
Network monitoring port	USB and DB9 serial ports
Software and cabling included	USB cabling included, PowerAlert Software available for free download at www.tripplite.com
WatchDog compatibility	Compatible with Tripp Lite's Watchdog system service to restore operation to locked equipment through soft reboot of application/OS or hard power off/on reboot of connected equipment; ideal for unattended kiosk applications
LINE / BATTERY TRANSFER	
Transfer time from line power to battery mode	2-4 milliseconds
Low voltage transfer to battery power	Switches to battery power as line voltage decreases to 144V or lower, switches back to AC mode as line voltage increases to 151V or higher
High voltage transfer to battery power	Switches to battery mode as line voltage increases to 282V or higher, switches back to AC mode as line voltage decreases to 274V or lower
SPECIAL FEATURES	
Cold Start	Inverter can be cold started to enable temporary AC output during a power failure

Appearance	Attractive black color scheme
CERTIFICATIONS	
Certifications	CE /IEC 62040-1-1, 62040-1-2; FCC Class A (Emissions), RoHS compliant, GOST, SASO
WARRANTY	
Product Warranty Period	2 years

Related Items

Software		
WATCHDOGSW	WatchDog Service Monitoring / Reboot Software	Qty: [optional]

Surge Protectors		
DTEL2	Network Surge Suppressor - Essential protection for data and communication lines	Qty: [optional]
DNET1	Network Surge Suppressor - Essential protection for data and communication lines	Qty: [optional]
DCATV	Network Surge Suppressor - Essential protection for TV/VCR coaxial lines	Qty: [optional]

USB Hubs/Accessories		
U022-010	USB Cable - 10-ft. USB 2.0 AB Gold Device Cable	Qty: [optional]

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=3303.