

SmartPro Digital UPS

Line-interactive UPS for personal computers, workstations, home entertainment systems and media centers



Cisco
Compatible

Cisco Systems Technology
Developer Partner

Model #: SMX1000LCD

- ▶ LCD display indicates input voltage, battery capacity and a variety of operating conditions
- ▶ 1000VA line-interactive rackmount shelf/tower UPS system compatible with 230V 50/60Hz international power
- ▶ 6 AC outlets (3 UPS, 3 surge-only), tel/DSL line surge suppression and two bundled C13 to C14 output cables
- ▶ USB port with HID protocol support and complete cabling
- ▶ Corrects brownouts as low as 171V
- ▶ 2-year warranty

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 full integration with built-in power management and auto shutdown features of Windows, Mac OS X and Linux. 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. 2-year warranty.

KEY BUYING POINTS

- 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
- 3 UPS battery-supported outlets, plus 3 additional surge suppression-only outlets
- USB port and cable enable 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, Linux 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
- 2-year product warranty

TYPICAL 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.

OPTIONS & ACCESSORIES

- USB Hubs-accessories: [U202-004-R](#), [U205-004-R](#), [U022-010](#)
- Dataline protectors: [DNET1](#), [DTEL2](#), [DCATV](#)
- Watchdog software: [WATCHDOGSW](#)

PACKAGE INCLUDES

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

COMPLETE SPECIFICATIONS

SYSTEM OVERVIEW

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|---------------------------------|---|
| System overview: | 1000VA line-interactive UPS with single-line tel/DSL surge suppression, large LCD volt meter and UPS function indicators, plus UPS and surge-only outlets |
| Voltage compatibility: | 230 |
| Frequency compatibility: | 50/60 |

OUTPUT

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|---------------------------------------|--|
| Output volt amp capacity (VA): | 1000 |
| Output watt capacity (watts): | 500 |
| Output nominal voltage: | 230 |
| 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: | 6 IEC C13 output receptacles (3 UPS/surge; 3 surge-only) |

INPUT

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|-------------------------------|---|
| Maximum input amps: | 10A |
| Input connection type: | C14 inlet |
| Input cord length: | User supplies input cord; 2 6-ft./1.8m C13-to-C14 power cables included |

BATTERY

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|-------------------------------|------------------------|
| Full load runtime: | 3 min. (1000VA / 500w) |
| Half load runtime: | 11 min. (500VA / 250w) |
| DC system voltage: | 12VDC |
| Battery recharge rate: | 2-8 hours to 90% |

VOLTAGE REGULATION

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| Voltage regulation description: | Line-interactive voltage regulation corrects brownouts as low as 171V back to usable values |
| Brownout correction: | Input voltages between 199V and 171V are boosted by 14% |

LEDS ALARMS & SWITCHES

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|--------------------------|---|
| 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 |
|--------------------------|---|

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| Alarms: | Audible alarm with 15-second 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 minutes full load runtime remain. |
| Switches: | Includes 2 front panel switches—one main on/off power switch and one dual function alarm cancel/self test button |

SURGE / NOISE SUPPRESSION

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| AC surge suppression: | 225 joules |
| AC suppression response time: | Instantaneous |
| Dataline suppression: | Single line tel/DSL surge suppression with RJ-style phone connectors (center 2 wires protected, 260V clamping); includes phone cable |
| EMI / RFI AC noise suppression: | Yes |

PHYSICAL

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| Shipping weight (lbs): | 15.6 |
| Shipping weight (kg): | 7.1 |
| Unit weight (lbs): | 14.6 |
| Unit weight (kg): | 6.6 |
| Unit Dimensions (HWD/in): | Tower format: 12 x 3.5 x 6.5 / Rackmount Shelf format: 3.5 x 12 x 6.5 |
| Unit Dimensions (HWD/cm): | Tower format: 30.5 x 8.9 x 16.5 / Rackmount Shelf format 8.9 x 30.5 x 16.5 |
| Shipping Dimensions (HWD/in): | 6.5 x 15.5 x 11 |
| Shipping Dimensions (HWD/cm): | 16.5 x 39.4 x 27.9 |
| Material of construction: | ABS |
| Form factors supported: | Upright Tower or Rackmount Shelf format (LCD panel is adjustable for either position). Rackmount format requires optional shelf, available separately |
| Cooling method: | Convection |

ENVIRONMENTAL

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| Operating Temperature: | +32 to +104 degrees Fahrenheit / 0 to +40 degrees Celsius |
| Storage Temperature: | +5 to +122 degrees Fahrenheit / -15 to +50 degrees Celsius |
| Relative Humidity: | 0 to 95%, non-condensing |

COMMUNICATIONS

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| Network monitoring port: | Single built-in USB port supports on battery, low battery and power restored messaging. Interface supports timed inverter shutoff after unattended shutdown. Compatible with Tripp Lite's PowerAlert and Watchdog service software. HID-compliant USB interface enables full integration with built-in power management and auto shutdown features of Windows, Mac OS X and Linux. |
| Software and cabling included: | USB cabling included, PowerAlert Software available for free download at www.tripplite.com |
| WatchDog compatibility: | Yes, 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

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|---|--|
| 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 171V or lower, switches back to AC mode as line voltage increases to 180V or higher |
| High voltage transfer to battery power: | Switches to battery mode as line voltage increases to 266V or higher, switches back to AC mode as line voltage decreases to 259V or lower |

CERTIFICATIONS

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|------------------------|--|
| Certifications: | CE (IEC 62040), GOST, SASO, CE Class B (Emissions) |
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WARRANTY

Product warranty: 2-year product warranty

SPECIAL FEATURES

Cold Start: Yes, inverter can be "cold started" to enable temporary AC output during a power failure

Appearance: Attractive black color scheme

*The policy of Tripp Lite is one of continuous improvement.
Specifications are subject to change without notice.
Therefore, your product may vary slightly from what is currently listed.*



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