

SmartPro Digital UPS

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



Model #: SMART1000LCD

- ▶ 1000VA / 1kVA line interactive tower UPS
- ▶ Maintains 120V nominal output over an input range of 89 to 132V
- ▶ Workstation / media-center optimized features supported via USB port (HID-PDC compliant), coaxial surge suppression, single line TEL / DSL surge suppression and four surge-only outlets
- ▶ Large backlit LCD input voltage display rotates for upright visibility in shelf or tower placement
- ▶ Input: NEMA 5-15P (120V 15A) / Output: 8 NEMA 5-15R (120V)
- ▶ 2 year product warranty / \$250,000 Ultimate Lifetime Insurance (USA, Puerto Rico & Canada only)

DESCRIPTION

Tripp Lite's SMART 1000LCD 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 minutes 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 89 volts back to usable levels without using battery power. Offers complete power protection in an attractive black tower configuration. Includes 4 battery-supported outlets, plus 4 additional surge suppression-only outlets for items not requiring battery support. USB port enables optional unattended system shutdown without data loss in the 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 indicates 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 minutes battery runtime with a full load of 1000VA/500W and 9 minutes with a half load of 500VA/250W. 2-year warranty; \$250,000 connected equipment Insurance (USA & Canada only).

KEY BUYING POINTS

- 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
- SMART 1000LCD Digital Uninterruptible Power Supply offers voltage regulation, surge suppression and long lasting battery support during blackouts
- Supports entry level PCs up to 60 minutes or single VCR/DVR components for up to 3 hours during blackouts
- Regulates brownouts as low as 89 volts back to usable levels without using battery power
- 4 UPS battery supported outlets, plus 4 additional surge suppression-only outlets
- USB port and cable enables unattended shutdown in the case of extended power failure
- HID-compliant USB interface 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
- Single-line phone suppression protects standard dialup/DSL phone connection
- 1000VA / 500 watt power handling ability supports a variety of sensitive computer, home theater and other equipment
- 3 minutes full load runtime (1000VA / 500 watts), 9 minutes half load runtime (500VA / 250 watts)
- Cabinet adapts to tower format or rackmount shelf format. Rackmount (2U) format requires an optional shelf, available separately
- 2-year product warranty
- \$250,000 connected equipment Insurance (USA & Canada Only)

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](#)
- Circuit Tester: [CT120](#)
- Watchdog software: [WATCHDOGSW](#)
- Rackmount shelf: [SR204](#)
- Extended Warranties: 3 Year [WEXT3-500-1500](#), 5 Year [WEXT5-500-1500](#)

PACKAGE INCLUDES

- SMART 1000LCD Digital UPS
- USB and phone cabling
- Manual with warranty information

COMPLETE SPECIFICATIONS

SYSTEM OVERVIEW

System overview:	1000VA line interactive UPS with single line TEL/DSL and Coax surge suppression, large LCD volt meter and UPS function indicators, plus UPS and surge-only outlets
Voltage compatibility:	120 VAC
Frequency compatibility:	60

OUTPUT

Output volt amp capacity (VA):	1000
Output watt capacity (watts):	500
Output nominal voltage:	120 VAC
Output voltage regulation:	BATTERY MODE: PWM sine wave 115V +/-5%
Output frequency regulation:	LINE MODE: Passes line frequency of 60Hz +/-10% BATTERY MODE: Inverter output regulated to 60Hz +/-0.5Hz
Outlet quantity / type:	8 NEMA 5-15R

INPUT

Maximum input amps:	12A
Input connection type:	NEMA 5-15P
Input cord length:	6ft. / 1.8m
Recommended electrical service:	120V 15A

BATTERY

Full load runtime:	3 minutes (1000VA / 500w)
Half load runtime:	9 minutes (500VA / 250w)
DC system voltage:	12VDC
Typical battery lifespan:	4-6 years (depending on usage)

VOLTAGE REGULATION

Voltage regulation description:	Line interactive voltage regulation corrects brownouts as low as 89V back to usable values
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Direct pass through:	Voltages of 105V and greater are passed through to connected equipment unchanged
Brownout correction:	Input voltages between 89 and 104 are boosted by 14%
LEDS ALARMS & SWITCHES	
Front panel LEDs:	Front panel LCD screen with blue backlight offers continuous input line voltage data, plus UPS status information on line power status, battery power status, battery charge level and voltage regulation operation
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 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	
AC surge suppression:	480 joules
AC suppression response time:	Instantaneous
Dataline suppression:	Tel/DSL and Coaxial
EMI / RFI AC noise suppression:	Yes
PHYSICAL	
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:	Rack/Tower
Cooling method:	Convection
ENVIRONMENTAL	
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	
Network monitoring port:	USB (HID)
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 <input type="checkbox"/> 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 89V or less, switches back to AC mode as line voltage increases to 94V or higher
High voltage transfer to battery power:	Switches to battery mode as line voltage increases to 139V or higher, switches back to AC mode as line voltage decreases to 135V or lower

CERTIFICATIONS

Certifications:	Tested to UL1778 (USA), CSA C22.2 No. 107.3 (Canada), NOM (Mexico), Class B (Emissions), FCC part 68 (US & Canada)
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WARRANTY

Product warranty:	2 year product warranty
Connected equipment insurance (USA and Canada Only):	\$250,000 connected equipment insurance (USA and Canada only)
Optional coverage:	3 Year: WEXT3-500-1500, 5 Year: WEXT5-500-1500

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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