

# SmartPro Digital UPS

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



**Cisco**  
Compatible

**Cisco Systems**  
Technology  
Developed  
for  
Cisco

## Model #: SMART1000LCD

- ▶ LCD Display indicates input voltage, battery capacity and a variety of operating conditions
- ▶ 1000VA line-interactive rackmount shelf / tower UPS system
- ▶ 8 outlets (4 UPS / 4 surge-only), dataline surge suppression for TEL/DSL and Coax connections
- ▶ USB port with HID protocol support, cabling and included PowerAlert monitoring software
- ▶ Corrects brownouts as low as 89V
- ▶ \$250,000 Ultimate Lifetime Insurance (USA, Puerto Rico & Canada only)

## DESCRIPTION

Tripp Lite's SMART1000LCD 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](http://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 phone suppression jacks protect modem, satellite receiver or other peripheral with a standard dialup/DSL phone connection. Set of coax 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 / 500 watt 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/500 watts and 14 minutes with a half load of 500VA/250 watts. 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
- SMART1000LCD 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 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](http://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), 14 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](#)

## PACKAGE INCLUDES

- SMART1000LCD 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

**Frequency compatibility:** 60

### OUTPUT

**Output volt amp capacity (VA):** 1000

**Output watt capacity (watts):** 500

**Output nominal voltage:** 120v

**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 output receptacles (4 with UPS and surge suppression / 4 with surge suppression only)

### 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:** 14 minutes (500VA / 250w)

**DC system voltage:** 12VDC

**Typical battery lifespan:** 4-6 years (depending on usage)

**Battery recharge rate:** 2-8 hours to 90%

### VOLTAGE REGULATION

**Voltage regulation description:** Line interactive voltage regulation corrects brownouts as low as 89V back to usable values

**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:** 1920 joules

**AC suppression response time:** Instantaneous

**Dataline suppression:** One set of Coax jacks for Cable/Satellite/Broadcast line protection / 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

**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

**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:** 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

**Software and cabling included:** USB cabling included, PowerAlert software available for free download at [www.tripplite.com](http://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

**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:** UL1778 (TUV), cUL (TUV), NOM, FCC Class B, FCC part 68 (US & Canada)

## **WARRANTY**

**Product warranty:** 2 year product warranty

**Connected equipment insurance (USA and Canada Only):** \$250,000 connected equipment insurance (USA and Canada only)

## **SPECIAL FEATURES**

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

**Appearance:** Attractive black color appearance

*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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