



**Tripp Lite**  
1111 West 35th Street  
Chicago, IL 60609 USA  
Telephone: +(773) 869 1234  
E-mail: [saleshelp@tripplite.com](mailto:saleshelp@tripplite.com)

## Model #: SMART1000LCD

### Smart LCD 1000VA Tower Line-Interactive 120V UPS with LCD display and USB port

#### Highlights

- 1000VA / 1kVA tower 120V line interactive UPS with LCD display
- Corrects brownouts as low as 89V without using battery power
- LCD screen reports input voltage, battery charge and UPS status
- USB port, TEL/DSL/Coax protection, Surge-only outlets, 97% efficiency
- NEMA 5-15P input plug and 8 NEMA 5-15R outlets



#### 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 DVR components 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. Space saving right angle 5-15P input plug.

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 and Mac OS X. Full load efficiency rating of 97% offers energy-savings and cool operating temperatures. 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.

The LCD display includes a dimmer switch and can be rotated for easy viewing in upright tower or horizontal shelf-mount position. 1000VA/500W power-handling ability supports entry-level PCs, home entertainment systems, network workstations, audio/video components.

#### Package Includes

- SMART1000LCD Digital UPS System
- USB Cable
- Phone Cord
- Owner's Manual

#### Features

- LCD Display with dimmer switch 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
- Full load efficiency rating of 97% offers energy-savings and cool operating temperatures
- Supports entry level PCs up to 60 minutes or single 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
- Space saving right angle 5-15P input plug
- 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](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), 10 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
- Supports battery replacement via built-in access panel
- \$250,000 connected equipment insurance (USA and Canada Only)

## Specifications

<b>OUTPUT</b>	
Output Volt Amp Capacity (VA)	1000
Output Watt Capacity (watts)	500
Nominal Output Voltage(s) Supported	115V; 120V
Frequency compatibility	60 Hz
Output voltage regulation (Battery mode)	115V (+/- 5%)
Built-in UPS output receptacles	8 5-15R outlet(s)
Surge suppression only outlets	4 UPS outlets, 4 surge-only outlets
Output AC waveform (AC mode)	Sine wave
Output AC waveform (battery mode)	PWM sine wave
<b>INPUT</b>	
Rated input current (at maximum load)	12A
Nominal Input Voltage(s) Supported	120V AC
UPS input connection type	5-15P
UPS Input cord length (ft.)	6
UPS Input cord length (m)	1.8
Recommended Electrical Service	15A 120V
<b>BATTERY</b>	
Full load runtime (minutes)	3 min. (500w)
Half load runtime (minutes)	10 min. (250w)
DC system voltage (VDC)	12

<b>Battery recharge rate (included batteries)</b>	Less than 16 hours from 10% to 90%
<b>Replacement battery cartridge (internal UPS battery replacement)</b>	RBC51
<b>Battery Access</b>	Battery access door
<b>Battery replacement description</b>	Hot-swappable, user replaceable batteries
<b>VOLTAGE REGULATION</b>	
<b>Voltage regulation description</b>	Automatic voltage regulation (AVR) maintains line power operation with input voltage as low as 89
<b>Undervoltage correction</b>	Input voltages between 89 and 104 are boosted by 14%
<b>LEDS ALARMS &amp; SWITCHES</b>	
<b>LED Indicators</b>	Front panel LCD display
<b>Front panel LCD display</b>	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
<b>Alarms</b>	Audible alarm indicates power-failure, low-battery and overload status; alarm can be disabled using PowerAlert software
<b>Alarm cancel operation</b>	Power-fail alarm can be silenced using alarm-cancel switch; once silenced, alarm will re-sound to indicate low-battery status
<b>Switches</b>	2 Switches control off/on power status and alarm-cancel/self-test operation; dimmer switch controls LCD brightness
<b>SURGE / NOISE SUPPRESSION</b>	
<b>UPS AC suppression joule rating</b>	1038
<b>UPS AC suppression response time</b>	Instantaneous
<b>UPS Dataline suppression</b>	1 line TEL/DSL (1 in / 1 out); Coax jacks (1 set)
<b>EMI / RFI AC noise suppression</b>	Yes
<b>PHYSICAL</b>	
<b>Installation form factors supported with included accessories</b>	Tower
<b>Primary form factor</b>	Tower
<b>UPS / Power Module dimensions in primary form factor (height x width x depth / inches)</b>	11.84 x 3.66 x 7.24
<b>UPS / Power Module dimensions in primary form factor (height x width x depth / cm)</b>	30.1 x 9.3 x 18.4
<b>Secondary form factor</b>	Horizontal desktop placement
<b>UPS / Power Module weight (lbs)</b>	15.55

<b>UPS / Power Module weight (kg)</b>	7.1
<b>UPS Shipping dimensions (height x width x depth / inches)</b>	10.43 x 15.55 x 4.8
<b>UPS Shipping dimensions (height x width x depth / cm)</b>	26.5 x 39.5 x 12.2
<b>Shipping weight (lbs)</b>	16.2
<b>Shipping weight (kg)</b>	7.4
<b>UPS housing material</b>	ABS
<b>ENVIRONMENTAL</b>	
<b>Operating Temperature Range</b>	+32 to +104 degrees Fahrenheit / 0 to +40 degrees Celsius
<b>Storage Temperature Range</b>	+5 to +122 degrees Fahrenheit / -15 to +50 degrees Celsius
<b>Relative Humidity</b>	0 to 95%, non-condensing
<b>AC mode BTU / hr. (full load)</b>	61
<b>COMMUNICATIONS</b>	
<b>Communications interface</b>	USB (HID enabled)
<b>PowerAlert software</b>	Free download from <a href="http://www.tripplite.com">www.tripplite.com</a>
<b>Communications cable</b>	USB cable included
<b>WatchDog compatibility</b>	Supports Watchdog application, OS and hard-reboot restart options for remote applications
<b>LINE / BATTERY TRANSFER</b>	
<b>Transfer time</b>	3 milliseconds
<b>Low voltage transfer to battery power (setpoint)</b>	89
<b>High voltage transfer to battery power (setpoint)</b>	139
<b>SPECIAL FEATURES</b>	
<b>Cold Start (startup in battery mode during a power failure)</b>	Cold-start operation supported
<b>Green &amp; high efficiency features</b>	Greater than 95% efficiency - GREEN UPS
<b>CERTIFICATIONS</b>	
<b>UPS Certifications</b>	Tested to UL1778 (USA); Tested to CSA (Canada); Tested to NOM (Mexico); Meets FCC Part 15 Category B (EMI)
<b>WARRANTY</b>	
<b>Product Warranty Period (U.S. &amp; Canada)</b>	3-year limited warranty
<b>Product Warranty Period (International)</b>	2-year limited warranty

<b>Product Warranty Period (Mexico)</b>	3-year limited warranty
<b>Product Warranty Period (Puerto Rico)</b>	3-year limited warranty
<b>Connected Equipment Insurance (U.S., Canada &amp; Puerto Rico)</b>	\$250,000 <a href="#">Ultimate Lifetime Insurance</a>

## Related Items

### Optional Products

Related Model	Description	Qty.
<a href="#">DCATV</a>	Network Surge Suppressor - Essential protection for TV/VCR coaxial lines	1
<a href="#">DNET1</a>	Network Surge Suppressor - Essential protection for data and communication lines	1
<a href="#">DTEL2</a>	Network Surge Suppressor - Essential protection for data and communication lines	1
<a href="#">SRSHELF2P</a>	2U Cantilever Fixed Shelf (60 lb / 27 kg capacity; 18-in. / 457 mm depth.)	1
<a href="#">U022-010</a>	10-ft. USB2.0 A/B Gold Device Cable (A Male to B Male)	1
<a href="#">WATCHDOGSW</a>	WatchDog Service Monitoring / Reboot Software	1
<a href="#">WEXT5-500-1500</a>	5-Year Extended Warranty - For Smart Line-Interactive and Online Tower or Rack models, 1500VA or less	1

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=3071](http://www.tripplite.com/en/products/model.cfm?txtModelID=3071).

Copyright © 2013 Tripp Lite. All rights reserved. All trademarks are the sole property of their respective owners. Tripp Lite has a policy of continuous improvement. Specifications are subject to change without notice. Photos may differ slightly from final products.