

SmartPro LCD 120V 1000VA 500W Line-Interactive Desktop UPS, AVR, Tower, USB, TEL/DSL/Coax, 8 Outlets, ENERGY STAR

MODEL NUMBER: **SMART1000LCDU**



Highlights

- Supports a basic desktop PC up to 60 min. during power outage
- 8 protected 5-15R outlets—4 battery-supported, 4 surge-only
- Offers automatic voltage regulation (AVR)
- LCD screen reports real-time UPS and power status
- Meets strict ENERGY STAR efficiency guidelines

Package Includes

- SMART1000LCDU SmartPro LCD 120V 1000VA 500W Line-Interactive Desktop UPS
- USB cable
- Telephone cable
- Owner's manual

Description

The SMART1000LCDU SmartPro LCD 120V 1000VA 500W Line-Interactive Desktop UPS provides battery backup and AC power protection against blackouts, brownouts, power surges and line noise that can damage electronics or destroy data. Ideal for backing up your home theater components and desktop computer system, the SMART1000LCDU switches to battery backup mode in milliseconds to keep your connected equipment running long enough to save files and shut down safely with no data loss.

While all eight NEMA 5-15R outlets protect against surges, four outlets also provide up to three hours of UPS battery support for a DVR component, 60 minutes of support for a basic desktop PC and LCD monitor, 10 minutes of support at half load (250W) and three minutes of support at full load (500W). ENERGY STAR certification helps you save money and energy and protect the environment by meeting strict efficiency guidelines set by the U.S. Environmental Protection Agency.

Automatic voltage regulation (AVR) maintains 120V nominal output over an input range of 89V to 139V without using battery power. EMI/RFI noise filtering improves your equipment's performance and prevents damage. A 1038-joule surge suppression rating protects your equipment from harmful power surges. With Tripp Lite's free PowerAlert® software (available via web download), the SMART1000LCDU enables safe unattended system shutdown and file saves in case of a prolonged power failure.

Features

Reliable Battery Backup

- Provides 1000VA/500W power protection for home theater components and desktop computer system
- Supports basic desktop computer and LCD monitor up to 60 min. or single DVR components up to 3 hr. during power outage
- Supports 50% load (250W) up to 10 min. and full load (500W) up to 3 min.
- 98% full-load efficiency rating saves money in energy costs
- Audible alarm indicates loss of utility power or low battery

Protected Outlets



- 4 NEMA 5-15R outlets deliver battery backup for devices that require constant power
- All 8 outlets protect against surges or spikes that can harm equipment or data

Automatic Voltage Regulation (AVR)

- Maintains 120V nominal output over input range of 89V–139V without using battery power

Rotatable LCD Status Screen

- Large LCD screen shows real-time input voltage, overload, AVR and battery statuses
- Rotates for easy viewing in both horizontal and vertical installations

AC Line, Coaxial and Tel/DSL Surge Suppression

- 1038-joule surge suppression rating protects connected equipment and data from harmful power surges
- Tel/DSL RJ11 jacks (with included cable) protect standard dialup/DSL connection
- 2.2 Hz coaxial jacks protect CATV, broadband cable internet, satellite or broadcast antenna connections

EMI/RFI Line Noise Filtering

- Removes electromagnetic and radio frequency interference that can disrupt or damage equipment's performance

USB Ports

- HID-compliant USB port (when used with free PowerAlert software) enables safe unattended system shutdown and file saves in the event of a prolonged power failure
- Front-panel USB port delivers 2.1A for fast charging of smartphones and tablets

ENERGY STAR Certification

- Saves you money, saves energy and protects the environment by meeting strict EPA efficiency guidelines

Flexible Installation Options

- Space-saving NEMA 5-15P right-angle plug with 6 ft. cord
- Adapts to vertical or horizontal installation without special hardware

Specifications

| OUTPUT | |
|---|-------------------------------------|
| 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%) |
| Output Receptacles | (8) 5-15R |
| UPS Output Receptacles (Surge Suppression Only) | 4 UPS outlets, 4 surge-only outlets |



| | |
|--|---|
| Hot-Swap PDU options | PDUB15 (2U / 8 5-15R outlets) |
| Output AC Waveform (AC Mode) | Sine wave |
| Output AC Waveform (Battery Mode) | PWM sine wave |
| INPUT | |
| Rated input current (Maximum Load) | 12A |
| Nominal Input Voltage(s) Supported | 120V AC |
| UPS Input Connection Type | 5-15P; Right-Angled |
| UPS Input Cord Length (ft.) | 6 |
| UPS Input Cord Length (m) | 1.8 |
| Recommended Electrical Service | 15A 120V |
| Input Phase | Single-Phase |
| BATTERY | |
| Full Load Runtime (min.) | 3 min. (500w) |
| Half Load Runtime (min.) | 10 min. (250w) |
| DC System Voltage (VDC) | 12 |
| Battery Recharge Rate (Included Batteries) | Less than 20 hours from 10% to 90% |
| Internal UPS Replacement Battery Cartridge | RBC51 |
| Battery Access | Battery access door |
| Battery Replacement Description | Hot-swappable, user replaceable batteries |
| Expandable Runtime | No |
| VOLTAGE REGULATION | |
| Voltage Regulation Description | Automatic voltage regulation (AVR) maintains line power operation with input voltage as low as 89 |
| Undervoltage Correction | Input voltages between 89 and 104 are boosted by 14% |
| USER INTERFACE, ALERTS & CONTROLS | |
| Front Panel LCD Display | 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 |
| Switches | 2 Switches control off/on power status and alarm-cancel/self-test operation; dimmer switch controls LCD brightness |
| Alarm Cancel Operation | Power-fail alarm can be silenced using alarm-cancel switch; once silenced, alarm will re-sound to indicate low-battery status |
| Audible Alarm | Audible alarm indicates power-failure and low-battery status; alarm can be disabled using PowerAlert software |
| SURGE / NOISE SUPPRESSION | |



| | |
|---|---|
| UPS AC Suppression Joule Rating | 1038 |
| UPS AC Suppression Response Time | Instantaneous |
| UPS Dataline Suppression | 1 line TEL/DSL (1 in / 1 out); Coax jacks (1 set) |
| EMI / RFI AC Noise Suppression | Yes |
| PHYSICAL | |
| Installation Form Factors Supported with Included Accessories | Tower |
| Primary Form Factor | Tower |
| UPS Power Module Dimensions (hwd, in.) | 11.84 x 3.66 x 7.24 |
| UPS Power Module Dimensions (hwd, cm) | 30.1 x 9.3 x 18.4 |
| UPS Power Module Weight (lbs.) | 15.55 |
| UPS Power Module Weight (kg) | 7.1 |
| UPS Shipping Dimensions (hwd / in.) | 10.43 x 15.55 x 4.8 |
| UPS Shipping Dimensions (hwd / cm) | 26.5 x 39.5 x 12.2 |
| Shipping Weight (lbs.) | 16.2 |
| Shipping Weight (kg) | 7.4 |
| UPS Housing Material | ABS |
| ENVIRONMENTAL | |
| Operating Temperature Range | +32 to +104 degrees Fahrenheit / 0 to +40 degrees Celsius |
| Storage Temperature Range | +5 to +122 degrees Fahrenheit / -15 to +50 degrees Celsius |
| Relative Humidity | 5 to 95%, non-condensing |
| AC Mode BTU / Hr. (Full Load) | 31 |
| AC Mode Efficiency Rating (100% Load) | 98% |
| COMMUNICATIONS | |
| Communications Interface | USB (HID enabled) |
| PowerAlert Software | Free download from www.tripplite.com |
| Communications Cable | USB cable included |
| WatchDog Compatibility | Supports Watchdog application, OS and hard-reboot restart options for remote applications |
| Network UPS Tools Compatibility | NUT compatible. See the full list of Tripp Lite NUT compatible UPS systems at http://www.networkupstools.org/stable-hcl.html?manufacturer=Tripp Lite |
| LINE / BATTERY TRANSFER | |



Tripp Lite
1111 W. 35th Street
Chicago, IL 60609 USA
Telephone: 773.869.1234
www.tripplite.com

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|---|---|
| Transfer Time | 3 milliseconds |
| Low Voltage Transfer to Battery Power (Setpoint) | 89 |
| High Voltage Transfer to Battery Power (Setpoint) | 139 |
| SPECIAL FEATURES | |
| Cold Start (Startup in Battery Mode During a Power Failure) | Cold-start operation supported |
| Green Energy-Saving Features | Greater than 95% efficiency - GREEN UPS |
| CERTIFICATIONS | |
| UPS Certifications | ENERGY STAR Qualified; Meets FCC Part 15 Category B (EMI); Tested to CSA (Canada); Tested to NOM (Mexico); Tested to UL1778 (USA) |
| WARRANTY | |
| Product Warranty Period (U.S. & Canada) | 3-year limited warranty |
| Product Warranty Period (Latin America) | 3-year limited warranty |
| Product Warranty Period (International) | 2-year limited warranty |
| Product Warranty Period (Mexico) | 3-year limited warranty |
| Connected Equipment Insurance (U.S., Canada & Puerto Rico) | \$250,000 Ultimate Lifetime Insurance |

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