

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

MODEL NUMBER: **SMART1000LCD**



### Description

The SMART1000LCD SmartPro LCD 120V, 1000VA/500W Line-Interactive Uninterruptible Power Supply 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 desktop computer or audio/visual components, this line-interactive UPS 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 3 hours of UPS battery support for a DVR component, 60 minutes of support for a basic desktop PC and LCD monitor, and 10 minutes of support at half load (250W).

Automatic voltage regulation (AVR) corrects undervoltages as low as 89V without using any 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.

Space-saving NEMA 5-15P plug with 6-foot cord connects to any NEMA 5-15R socket and allows furniture to be placed flush against the wall. Large rotatable LCD screen with dimmer shows real-time input voltage, overload, AVR and battery statuses at a glance. With Tripp Lite's free PowerAlert software (available via free web download), the SMART1000LCD enables safe unattended system shutdown and file saves in case of a prolonged power failure.

### Features

Reliable Battery Backup

- Provides 1000VA/500W high-performance power protection for desktop computers, audio/video

### Highlights

- Supports a basic desktop PC up to 60 min. during power outage
- Features 8 protected outlets—4 battery-protected, 4 surge-only
- Offers automatic voltage regulation (AVR)
- LCD screen reports real-time UPS and power status
- Plugs into any NEMA 5-15R socket

### Package Includes

- SMART1000LCD SmartPro LCD 120V 1000VA/500W Line-Interactive UPS
- USB cable
- Telephone cord
- Owner's Manual



components, media centers and other electronics

- Supports basic desktop computer and LCD monitor up to 60 minutes or single DVR components up to 3 hours during power outage
- Supports 50% load (250W) up to 10 minutes and full load (500W) up to 3 minutes
- 97% full-load efficiency rating saves money in energy costs
- Audible alarm indicates loss of utility power or low battery

#### Optimized 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)

- Corrects undervoltages as low as 89V with a 14% boost without drawing battery backup 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
- Dimmer switch controls brightness level

#### AC Line, Coaxial and Tel/DSL Surge Suppression

- Surge suppression rating of 1038 joules protects connected equipment and data from harmful power surges
- Tel/DSL RJ11 jacks and included cord protect standard dialup/DSL phone 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 your equipment's performance

#### USB Communication Port and Free PowerAlert Software

- HID-compliant USB port integrates with built-in power management and auto-shutdown of Windows and Mac OS X
- Works with Tripp Lite PowerAlert software available as free web download from [www.tripplite.com/poweralert](http://www.tripplite.com/poweralert), to enable safe, unattended system shutdown and file saves during prolonged power failure

#### Flexible Installation Options

- Space-saving NEMA 5-15P right-angle plug with 6-foot cord connects to any NEMA 5-15R socket
- Adapts to vertical or horizontal installation without special hardware



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## Specifications

| MODEL TEXT                                      |                                                                                                                                                                                                      |
|-------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Key Benefit                                     | Provides reliable 1000VA/500W power protection for your desktop computer, network workstation, audio/video components or media center. Protects against surges, line noise, blackouts and brownouts. |
| OUTPUT                                          |                                                                                                                                                                                                      |
| Output Volt Amp Capacity (VA)                   | 1000                                                                                                                                                                                                 |
| Output kVA Capacity (kVA)                       | 1                                                                                                                                                                                                    |
| Output Watt Capacity (Watts)                    | 500                                                                                                                                                                                                  |
| Nominal Output Voltage(s) Supported             | 110V; 115V; 120V                                                                                                                                                                                     |
| Nominal Voltage Details                         | 115v nominal output in battery mode                                                                                                                                                                  |
| Frequency Compatibility                         | 60 Hz                                                                                                                                                                                                |
| Output Voltage Regulation (Battery Mode)        | +/- 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                                                                                                                                                                                                   |



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|---------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Battery Recharge Rate (Included Batteries)                    | Less than 16 hours from 10% to 90%                                                                                                                                          |
| Internal UPS Replacement Battery Cartridge                    | <u>RBC51</u>                                                                                                                                                                |
| Battery Access                                                | Battery access door                                                                                                                                                         |
| Battery Replacement Description                               | Hot-swappable, user replaceable batteries                                                                                                                                   |
| Expandable Runtime                                            | No                                                                                                                                                                          |
| <b>VOLTAGE REGULATION</b>                                     |                                                                                                                                                                             |
| 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%                                                                                                                        |
| <b>USER INTERFACE, ALERTS &amp; CONTROLS</b>                  |                                                                                                                                                                             |
| 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                                                               |
| LED Indicators                                                | Front panel LCD display                                                                                                                                                     |
| <b>SURGE / NOISE SUPPRESSION</b>                              |                                                                                                                                                                             |
| 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                                                                                                                                                                         |
| <b>PHYSICAL</b>                                               |                                                                                                                                                                             |
| 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)                                  | 7.05                                                                                                                                                                        |
| UPS Shipping Dimensions (hwd / in.)                           | 10.43 x 15.55 x 4.8                                                                                                                                                         |



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|---------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 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                                                                                                                                                                                                                                       |
| Primary UPS Height (mm)                           | 301                                                                                                                                                                                                                                       |
| Primary UPS Width (mm)                            | 93                                                                                                                                                                                                                                        |
| Primary UPS Depth (mm)                            | 184                                                                                                                                                                                                                                       |
| Shipping Height (mm)                              | 265                                                                                                                                                                                                                                       |
| Shipping Width (mm)                               | 395                                                                                                                                                                                                                                       |
| Shipping Depth (mm)                               | 122                                                                                                                                                                                                                                       |
| <b>ENVIRONMENTAL</b>                              |                                                                                                                                                                                                                                           |
| 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                                 | 0 to 95%, non-condensing                                                                                                                                                                                                                  |
| AC Mode BTU / Hr. (Full Load)                     | 61                                                                                                                                                                                                                                        |
| Battery Mode BTU / Hr. (Full Load)                | 510                                                                                                                                                                                                                                       |
| AC Mode Efficiency Rating (100% Load)             | 97%                                                                                                                                                                                                                                       |
| <b>COMMUNICATIONS</b>                             |                                                                                                                                                                                                                                           |
| Communications Interface                          | USB (HID enabled)                                                                                                                                                                                                                         |
| PowerAlert Software                               | For local monitoring via the UPS's built-in USB port, download PowerAlert Local software at <a href="http://www.tripplite.com/poweralert">http://www.tripplite.com/poweralert</a>                                                         |
| 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 <a href="http://www.networkupstools.org/stable-hcl.html?manufacturer=Tripp+Lite">http://www.networkupstools.org/stable-hcl.html?manufacturer=Tripp Lite</a> |
| <b>LINE / BATTERY TRANSFER</b>                    |                                                                                                                                                                                                                                           |
| Transfer Time                                     | 3 milliseconds                                                                                                                                                                                                                            |
| Low Voltage Transfer to Battery Power (Setpoint)  | 89                                                                                                                                                                                                                                        |
| High Voltage Transfer to Battery Power (Setpoint) | 139                                                                                                                                                                                                                                       |
| <b>SPECIAL FEATURES</b>                           |                                                                                                                                                                                                                                           |



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|-------------------------------------------------------------|------------------------------------------------------------------------------------------------------------|
| Cold Start (Startup in Battery Mode During a Power Failure) | Cold-start operation supported                                                                             |
| Green Energy-Saving Features                                | Greater than 95% efficiency - GREEN UPS                                                                    |
| <b>CERTIFICATIONS</b>                                       |                                                                                                            |
| UPS Certifications                                          | Tested to UL1778 (USA); Tested to CSA (Canada); Tested to NOM (Mexico); Meets FCC Part 15 Category B (EMI) |
| <b>WARRANTY</b>                                             |                                                                                                            |
| 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 <u>Ultimate Lifetime Insurance</u>                                                               |

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