

## SmartPro LCD 120V 1200VA 700W Line-Interactive UPS, AVR, 2U Rack/Tower, LCD, USB, DB9 Serial, 8 Outlets

MODEL NUMBER: SMART1200LCD



### Description

The SMART1200LCD SmartPro LCD 120V, 1200VA/700W 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.

Eight NEMA 5-15R outlets protect against surges, as well as provide up to 12 minutes of UPS battery support at half load (350W) and 4 minutes of support at full load (700W). Automatic voltage regulation (AVR) corrects severe undervoltages as low as 75V and overvoltages as high as 147V without using any battery power. EMI/RFI noise filtering improves your equipment's performance and prevents damage. A 480-joule surge suppression rating protects your equipment from harmful power surges.

NEMA 5-15P plug with 6-foot cord connects to any NEMA 5-15R socket. Large rotatable LCD screen with dimmer shows real-time input voltage, overload, AVR and battery statuses at a glance. Alarm sounds to indicate power loss or low battery. With Tripp Lite's free PowerAlert software (available via free web download), the SMART1200LCD enables safe unattended system shutdown and file saves in case of a prolonged power failure.

### Features

#### Reliable Battery Backup

- Provides 1200VA/700W high-performance power protection for desktop computers, audio/video components, media centers and other electronics
- Supports 50% load (350W) up to 12 minutes and full load (700W) up to 4 minutes

### Highlights

- Supports a half-load (350W) up to 12 min. during power outage
- Supports a full load (700W) up to 4 min. during power outage
- Features 8 protected NEMA 5-15R outlets
- Offers automatic voltage regulation (AVR)
- LCD screen reports real-time UPS and power status

### Package Includes

- SMART1200LCD SmartPro LCD 120V 1000VA/500W Line-Interactive UPS
- USB cable
- DB9 serial cable
- Telephone cable
- Mounting hardware
- Owner's Manual

- Audible alarm indicates loss of utility power or low battery

#### Optimized Outlets

- 8 NEMA 5-15R outlets provide battery backup and protect against surges or spikes that can harm equipment or data

#### Automatic Voltage Regulation (AVR)

- Corrects undervoltages as low as 75V and overvoltages as high as 147V 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, Tel/DSL and Ethernet Surge Suppression

- Surge suppression rating of 480 joules protects connected equipment and data from harmful power surges
- Built-in RJ-45 jacks protect single-line tel/DSL or network Ethernet connection

#### EMI/RFI Line Noise Filtering

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

#### USB and DB9 Communication Ports and Free PowerAlert Software

- HID-compliant USB port integrates with built-in power management and auto-shutdown of Windows and Mac OS X
- USB and DB9 serial ports work with Tripp Lite PowerAlert software (available for free download at [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

- NEMA 5-15P plug with 6-foot cord connects to any NEMA 5-15R socket
- Adapts to vertical or horizontal installation without special hardware
- Includes 2U brackets for rack-mount installation

## Specifications

MODEL TEXT

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|--|--|
| Key Benefit                                | Provides reliable 1200VA/700W power protection for your desktop computer, network workstation, audio/video components or media center. Protects against surges, line noise, blackouts and brownouts. |
| <b>OUTPUT</b>                              |  |
| Output Volt Amp Capacity (VA)              | 1200   |
| Output kVA Capacity (kVA)                  | 1.2  |
| Output Watt Capacity (Watts)               | 700  |
| Nominal Output Voltage(s) Supported        | 110V; 115V; 120V   |
| Nominal Voltage Details                    | 115v nominal output in battery mode  |
| Frequency Compatibility                    | 60 Hz  |
| Output Voltage Regulation (Line Mode)      | -18%, +8%  |
| Output Voltage Regulation (Battery Mode)   | +/- 5%   |
| Output Receptacles                         | (8) 5-15R  |
| Output AC Waveform (AC Mode)               | Sine wave  |
| Output AC Waveform (Battery Mode)          | PWM sine wave  |
| <b>INPUT</b>                               |  |
| Rated input current (Maximum Load)         | 7A   |
| Nominal Input Voltage(s) Supported         | 120V AC  |
| UPS Input Connection Type                  | 5-15P; Right-Angled  |
| Input Circuit Breakers                     | 10A  |
| UPS Input Cord Length (ft.)                | 6  |
| UPS Input Cord Length (m)                  | 1.8  |
| Recommended Electrical Service             | 15A 120V   |
| Input Phase                                | Single-Phase   |
| <b>BATTERY</b>                             |  |
| Full Load Runtime (min.)                   | 4 min. (700w)  |
| Half Load Runtime (min.)                   | 12 min. (350w)   |
| DC System Voltage (VDC)                    | 24   |
| Battery Recharge Rate (Included Batteries) | Less than 4.5 hours from 10% to 90%  |
| Expandable Runtime                         | No   |
| <b>VOLTAGE REGULATION</b>                  |  |

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|--|---|
| Voltage Regulation Description               | Automatic voltage regulation (AVR) maintains line power operation with an input voltage range of 75 to 147  |
| Oversupply Correction                        | Input voltages between 128 and 147 are reduced by 12%   |
| Undervoltage Correction                      | Input voltages between 93 and 107 are boosted by 14%  |
| Severe Undervoltage Correction               | Input voltages between 75 and 92 are boosted by 30%   |
| <b>USER INTERFACE, ALERTS &amp; CONTROLS</b> |   |
| Front Panel LCD Display                      | Backlit 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              | 480   |
| UPS AC Suppression Response Time             | Instantaneous   |
| UPS Dataline Suppression                     | 1 line TEL/DSL (1 in / 1 out); 10/100Base T Ethernet  |
| EMI / RFI AC Noise Suppression               | Yes   |
| <b>PHYSICAL</b>                              |   |
| Included Mounting Accessory Description      | Pair of mounting ears enable tower and 2-4 post rackmount installation  |
| Primary Form Factor                          | Rackmount   |
| UPS Power Module Dimensions (hwd, in.)       | 3.5 x 17.25 x 10.5  |
| UPS Power Module Dimensions (hwd, cm)        | 8.9 x 43.8 x 26.7   |
| Rack Height (U Spaces)                       | 2   |
| Minimum Required Rack Depth (inches)         | 13.5  |
| Minimum Required Rack Depth (cm)             | 34.29   |
| UPS Power Module Weight (lbs.)               | 29.4  |
| UPS Power Module Weight (kg)                 | 13.34   |
| UPS Shipping Dimensions (hwd / in.)          | 7.5 x 15 x 21.5   |
| UPS Shipping Dimensions (hwd / cm)           | 19 x 38.1 x 54.6  |
| Shipping Weight (lbs.)                       | 29.4  |

|   |  |
|---|--|
| Shipping Weight (kg)  | 13.3   |
| UPS Housing Material  | ABS  |
| Minimum Required Rack Depth (mm)                            | 343  |
| Primary UPS Height (mm)                                     | 89   |
| Primary UPS Width (mm)                                      | 438  |
| Primary UPS Depth (mm)                                      | 267  |
| Shipping Height (mm)  | 190  |
| Shipping Width (mm)   | 381  |
| Shipping Depth (mm)   | 546  |
| <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)                               | 180  |
| Battery Mode BTU / Hr. (Full Load)                          | 490  |
| AC Mode Efficiency Rating (100% Load)                       | 93%  |
| <b>COMMUNICATIONS</b>                                       |  |
| Communications Interface                                    | USB (HID enabled); DB9 Serial  |
| Network Monitoring Port Description                         | Supports detailed monitoring of UPS and site power conditions  |
| PowerAlert Software   | For local monitoring via the UPS's built-in communication ports, download PowerAlert Local software at <a href="http://www.tripplite.com/poweralert">http://www.tripplite.com/poweralert</a> |
| Communications Cable  | USB and DB9 Serial cabling included  |
| WatchDog Compatibility                                      | Supports Watchdog application, OS and hard-reboot restart options for remote applications  |
| <b>LINE / BATTERY TRANSFER</b>                              |  |
| Transfer Time   | 2-4 milliseconds   |
| Low Voltage Transfer to Battery Power (Setpoint)            | 75   |
| High Voltage Transfer to Battery Power (Setpoint)           | 147  |
| <b>SPECIAL FEATURES</b>                                     |  |
| Cold Start (Startup in Battery Mode During a Power Failure) | Cold-start operation supported   |

| <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 <a href="#">Ultimate Lifetime Insurance</a>  |

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