

SmartPro LCD 120V 50/60Hz 1500VA 900W Line-Interactive UPS, AVR, Tower, LCD, USB, 10 Outlets

MODEL NUMBER: **SMART1500LCDT**



Provides reliable 1500VA/900W power protection for your desktop computer, network workstation, audio/video components or media center. Protects against surges, line noise, blackouts and brownouts.

Description

The SMART1500LCDT SmartPro LCD 120V, 1500VA/900W 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 ten NEMA 5-15R outlets protect against surges, five outlets also provide up to 90 minutes of UPS battery support for a basic desktop PC and LCD monitor and up to 10 minutes of support at half load (450W).

Automatic voltage regulation (AVR) corrects undervoltages as low as 92V and overvoltages as high as 150V without using any battery power. EMI/RFI noise filtering improves your equipment's performance and prevents damage. A 650-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 LCD screen shows real-time input voltage, overload, AVR, remaining battery runtime and battery statuses at a glance. Alarm sounds to indicate power loss or low battery. With Tripp Lite's PowerAlert software (available via free download), SMART1500LCDT enables safe unattended system shutdown and file saves in case of a prolonged power failure.

Features

Highlights

- Supports a basic desktop PC up to 90 min. during power outage
- Features 10 protected outlets—5 battery-protected, 5 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

- SMART1500LCDT SmartPro LCD 120V 1500VA/900W Line-Interactive UPS
- USB cable
- Owner's Manual



Reliable Battery Backup

- Provides 1500VA/900W high-performance power protection for desktop computers, audio/video components, media centers and other electronics
- Supports basic desktop computer and LCD monitor up to 90 minutes during power outage
- Supports 50% load (450W) up to 10 minutes
- Audible alarm indicates loss of utility power or low battery

Optimized Outlets

- 5 NEMA 5-15R outlets deliver battery backup for devices that require constant power
- All 10 outlets protect against surges or spikes that can harm equipment or data
- NEMA 5-15P plug with 6-foot cord connects to any NEMA 5-15R socket

Automatic Voltage Regulation (AVR)

- Corrects undervoltages as low as 92V and overvoltages as high as 150V without drawing battery backup power

LCD Status Screen

- Large LCD screen shows real-time input voltage, overload, AVR and battery statuses
- Automatically displays remaining battery runtime in minutes during power outage

AC Line, Tel/DSL and Ethernet Surge Suppression

- Surge suppression rating of 650 joules protects connected equipment and data from harmful power surges
- Tel/DSL RJ11 jacks protect standard dialup/DSL/Ethernet phone connection
- Coaxial jacks protect CATV, broadband cable internet, satellite or broadcast antenna connection

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
- USB port enables data-saving unattended shutdown when used with Tripp Lite's PowerAlert software, available via FREE download from www.tripplite.com/poweralert

Specifications

| OVERVIEW | |
|----------|--------------|
| UPC Code | 037332174109 |



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|---|--|
| UPS Type | Line-Interactive |
| INPUT | |
| Rated input current (Maximum Load) | 12A |
| Nominal Input Voltage(s) Supported | 120V AC |
| UPS Input Connection Type | 5-15P |
| Input Circuit Breakers | 20A |
| UPS Input Cord Length (ft.) | 6 |
| UPS Input Cord Length (m) | 1.8 |
| Recommended Electrical Service | 15A 120V |
| Input Phase | Single-Phase |
| OUTPUT | |
| Output Volt Amp Capacity (VA) | 1500 |
| Output kVA Capacity (kVA) | 1.5 |
| Output Watt Capacity (Watts) | 900 |
| Nominal Voltage Details | 120v nominal output in battery mode |
| Frequency Compatibility | 50 / 60 Hz |
| Frequency Compatibility Details | Automatic frequency selection |
| Output Voltage Regulation (Line Mode) | 120V (+9% / -12%) |
| Output Voltage Regulation (Battery Mode) | 120V (±10%) |
| UPS Output Receptacles (Surge Suppression Only) | 5 UPS outlets, 5 surge-only outlets |
| Output AC Waveform (AC Mode) | Sine wave |
| Output AC Waveform (Battery Mode) | PWM sine wave |
| Nominal Output Voltage(s) Supported | 110V; 115V; 120V |
| Output Receptacles | (10) 5-15R |
| Individually Controllable Load Banks | No |
| BATTERY | |
| Half Load Runtime (min.) | 10 minutes (450 watts) |
| DC System Voltage (VDC) | 24 |
| Battery Recharge Rate (Included Batteries) | Less than 8 hours from 10% to 90% |
| Internal UPS Replacement Battery Cartridge | RBC51 </td></tr></table> |



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| Expandable Runtime | No |
| VOLTAGE REGULATION | |
| Voltage Regulation Description | Automatic voltage regulation (AVR) maintains line power operation with an input voltage range of 92 to 150 |
| Overvoltage Correction | Input voltages between 129 and 147 are reduced by 15% |
| Undervoltage Correction | Input voltages between 92 and 108 are boosted by 18% |
| USER INTERFACE, ALERTS & CONTROLS | |
| Front Panel LCD Display | LCD screen with scroll buttons indicates Input voltage, Output voltage, Frequency (Hz), AVR boost / cut status, Output load in watts, Output load percentage, Battery voltage and Estimated runtime in minutes |
| Switches | Power switch offers whole UPS power control; Scroll/mute button enables LCD selection options and silences audible alarm; Test button initiates self test |
| Alarm Cancel Operation | Power-fail alarm can be silenced using alarm-cancel switch |
| Audible Alarm | Audible alarm indicates power-failure and low-battery conditions |
| SURGE / NOISE SUPPRESSION | |
| UPS AC Suppression Joule Rating | 650 |
| UPS AC Suppression Response Time | Instantaneous |
| UPS Dataline Suppression | 1 line TEL/DSL (1 in / 1 out); 10/100Base T Ethernet; Coax jacks (1 set) |
| EMI / RFI AC Noise Suppression | Yes |
| PHYSICAL | |
| Cooling Method | Fan |
| Installation Form Factors Supported with Included Accessories | Tower |
| Primary Form Factor | Tower |
| Primary UPS Depth (mm) | 391 |
| Primary UPS Height (mm) | 203 |
| Primary UPS Width (mm) | 146 |
| Shipping Dimensions (hwd / in.) | 11.10 x 9.00 x 19.30 |
| Shipping Weight (kg) | 12.70 |
| Shipping Weight (lbs.) | 28.00 |
| UPS Power Module Dimensions (hwd, cm) | 20.32 x 14.60 x 39.12 |
| UPS Power Module Dimensions (hwd, in.) | 8 x 5.75 x 15.4 |
| UPS Power Module Weight (kg) | 12.25 |
| UPS Power Module Weight (lbs.) | 27 |



| 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 | 0 to 95%, non-condensing |
| AC Mode BTU / Hr. (Full Load) | 119 |
| Battery Mode BTU / Hr. (Full Load) | 867 |
| AC Mode Efficiency Rating (100% Load) | 95% |
| COMMUNICATIONS | |
| Network Monitoring Port Description | Supports detailed monitoring of UPS and site power conditions |
| PowerAlert Software | For local monitoring via the UPS's built-in USB port, download PowerAlert Local software at http://www.tripplite.com/poweralert |
| Communications Cable | USB and cabling included |
| WatchDog Compatibility | Supports Watchdog application, OS and hard-reboot restart options for remote applications |
| Communications Interface | USB (HID enabled) |
| LINE / BATTERY TRANSFER | |
| Transfer Time | 2 milliseconds (AC to battery mode), 6 milliseconds (battery to AC mode) |
| Low Voltage Transfer to Battery Power (Setpoint) | 92 |
| High Voltage Transfer to Battery Power (Setpoint) | 150 |
| SPECIAL FEATURES | |
| Cold Start (Startup in Battery Mode During a Power Failure) | Cold-start operation supported |
| High Availability UPS Features | Automatic Voltage Regulation (AVR); Hot swappable batteries; Surge/noise protection |
| Green Energy-Saving Features | Greater than 95% efficiency - GREEN UPS |
| STANDARDS & COMPLIANCE | |
| UPS Certifications | Tested to UL1778 (USA); Tested to CSA (Canada); Tested to NOM (Mexico); Meets FCC Part 15 Category A (EMI) |
| WARRANTY | |
| Product Warranty Period (U.S. & Canada) | 3-year limited warranty |
| Product Warranty Period (International) | 2-year limited warranty |
| Product Warranty Period (Mexico) | 3-year limited warranty |
| Product Warranty Period (Puerto Rico) | 3-year limited warranty |



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