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With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



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SmartPro LCD 120V 1500VA 900W Line-Interactive UPS, AVR, 2U Rack/Tower, LCD, USB, DB9 Serial, 8 Outlets

MODEL NUMBER: **SMART1500LCD**



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 SMART1500LCD 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.

Eight NEMA 5-15R outlets protect against surges, as well as provide up to 11.8 minutes of UPS battery support at half load (450W) and 4.4 minutes of support at full load (900W). 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 870-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 download), the SMART1500LCD enables safe unattended system shutdown and file saves in case of a prolonged power failure.

Features

Reliable Battery Backup

- Provides 1500VA/900W high-performance power protection for desktop computers, audio/video components, media centers and other electronics

Highlights

- Supports a half-load (450W) up to 11.8 min. during power outage
- Supports a full load (900W) up to 4.4 min. during power outage
- High 98% efficiency in line power mode
- Features 8 protected NEMA 5-15R outlets
- Offers automatic voltage regulation (AVR)
- LCD screen reports real-time UPS and power status

Package Includes

- SMART1500LCD UPS
- USB cable
- DB9 serial cable
- Telephone cable
- Mounting hardware
- Owner's Manual



- Supports 50% load (450W) up to 11.8 minutes and full load (900W) up to 4.4 minutes
- Audible alarm indicates loss of utility power or low battery
- Battery access door enables hot-swappable, user-replaceable internal batteries

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 offers real-time status information regarding operating mode, voltage, load level, battery charge percentage and estimated runtime in minutes
- UPS configuration options via front panel LCD include battery self-test, external battery pack configuration, alarm on/off status and LCD brightness
- Rotates for easy viewing in both horizontal and vertical installations

AC Line, Tel/DSL and Ethernet Surge Suppression

- Surge suppression rating of 870 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 & Serial ports enable data-saving unattended shutdown when used with Tripp Lite's PowerAlert software, available via FREE download from www.tripplite.com/poweralert
- DB9 port also supports contact closure messaging for AC Present and AC Fail status

Flexible Installation Options

- NEMA 5-15P plug with 6-foot cord connects to any NEMA 5-15R socket
- Adapts to vertical or horizontal installation with included mounting hardware
- Includes 2U brackets for rack-mount installation in 2 or 4 post racks



Specifications

| OVERVIEW | |
|--|-------------------------------------|
| UPC Code | 037332126146 |
| OUTPUT | |
| Output Volt Amp Capacity (VA) | 1500 |
| Output kVA Capacity (kVA) | 1.5 |
| Output Watt Capacity (Watts) | 900 |
| 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) | 115V (+/- 5%) |
| Output Receptacles | (8) 5-15R |
| Output AC Waveform (AC Mode) | Sine wave |
| Output AC Waveform (Battery Mode) | PWM sine wave |
| INPUT | |
| Rated input current (Maximum Load) | 8.6A |
| 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 |
| BATTERY | |
| Full Load Runtime (min.) | 4.4 min. (900w) |
| Half Load Runtime (min.) | 11.8 min. (450w) |
| DC System Voltage (VDC) | 24 |
| Battery Recharge Rate (Included Batteries) | Less than 4.5 hours from 10% to 90% |



| | |
|---|---|
| Internal UPS Replacement Battery Cartridge | See RBC Selector for replacement battery information |
| Expandable Runtime | No |
| VOLTAGE REGULATION | |
| Voltage Regulation Description | Automatic voltage regulation (AVR) maintains line power operation with an input voltage range of 75 to 147 |
| Overvoltage 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% |
| USER INTERFACE, ALERTS & CONTROLS | |
| Front Panel LCD Display | Backlighted LCD screen offers detailed UPS status information, configuration options and Error message reporting; STATUS INFORMATION includes Input Voltage, Output Voltage, Estimated Runtime (minutes), Output Load Percentage, Output Load Wattage, Battery Charge Percentage, Graphical 5-Bar Battery Charge Level and UPS Operating Mode Display / CONFIGURATION OPTIONS include Power Sensitivity, LCD Status Information Scrolling, Alarm Disable, LCD Brightness and Self Test / REPORTED ERROR MESSAGES include Replace-Battery and Overload conditions; LCD Screen rotates for vertical or horizontal UPS placement |
| Switches | ON/OFF/MODE button provides UPS on/off power control (long-press) and advances the LCD screen display (short tap); MUTE/ENTER button provides temporary alarm cancel, plus selection and confirmation of on-screen configuration options |
| Alarm Cancel Operation | Press the MUTE/ENTER button during a power failure to silence the alarm; 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 entirely via front panel LCD interface (see manual) |
| LED Indicators | Front panel LCD display |
| SURGE / NOISE SUPPRESSION | |
| UPS AC Suppression Joule Rating | 870 |
| UPS AC Suppression Response Time | Instantaneous |
| UPS Dataline Suppression | 1 line TEL/DSL (1 in / 1 out); 10/100Base T Ethernet |
| UPS Dataline Suppression Details | 168 joules; Compatible with POE applications |
| EMI / RFI AC Noise Suppression | Yes |
| PHYSICAL | |
| Included Mounting Accessory Description | Pair of mounting ears enable tower and 2-4 post rackmount installation; Set of 4 rubber-feet enable no-slip horizontal desktop placement |
| Installation Form Factors Supported with Included Accessories | 2 post 19 inch rackmount; 4 post 19 inch rackmount; Tower |
| Primary Form Factor | Rackmount |
| UPS Power Module Dimensions (hwd, in.) | 3.5 x 17.25 x 10.5 |
| UPS Power Module Dimensions (hwd, cm) | 8.89 x 43.82 x 26.67 |
| Rack Height (U Spaces) | 2 |



| | |
|---|--|
| Minimum Required Rack Depth (inches) | 13.5 |
| Minimum Required Rack Depth (cm) | 34.29 |
| UPS Power Module Weight (lbs.) | 30 |
| UPS Power Module Weight (kg) | 13.61 |
| Shipping Dimensions (hwd / in.) | 7.200 x 15.000 x 21.200 |
| Shipping Dimensions (hwd / cm) | 18.29 x 38.10 x 53.85 |
| Shipping Weight (lbs.) | 32.9000 |
| Shipping Weight (kg) | 14.92 |
| Cooling Method | Fan |
| UPS Housing Material | ABS |
| Primary UPS Height (mm) | 89 |
| Primary UPS Width (mm) | 438 |
| Primary UPS Depth (mm) | 267 |
| 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 | Up to 95%, non-condensing |
| AC Mode BTU / Hr. (Full Load) | 78 |
| AC Mode Efficiency Rating (100% Load) | 98% |
| COMMUNICATIONS | |
| Communications Interface | Contact closure; DB9 Serial; USB (HID enabled) |
| Network Monitoring Port Description | Supports detailed monitoring of UPS and site power conditions; DB9 provides contact-closure notification of AC Present (pins 1,9 connected) and AC Fail (pins 1,8 connected) |
| PowerAlert Software | For local monitoring via the UPS's built-in communication ports, download PowerAlert Local software at http://www.tripplite.com/poweralert |
| Communications Cable | USB and DB9 Serial cabling included |
| WatchDog Compatibility | Supports Watchdog application, OS and hard-reboot restart options for remote applications |
| LINE / BATTERY TRANSFER | |
| Transfer Time | 4 milliseconds (AC to battery mode); 1 millisecond (Battery to AC mode) |
| Low Voltage Transfer to Battery Power (Setpoint) | 75 |
| High Voltage Transfer to Battery Power (Setpoint) | 147 |
| SPECIAL FEATURES | |



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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 |
| CERTIFICATIONS | |
| UPS Certifications | Meets FCC Part 15 Category B (EMI); Tested to CSA (Canada); Tested to NOM (Mexico); Tested to UL1778 (USA) |
| UPS Certification Details | UL1778: 2014 R8.15 5TH EDITION; CSA-C22.2 NO. 107.3-14 3RD EDITION; FCC Part 68 Certification Number 5WSWP00B001; Industry Canada Certification Number 3449-001, REN: 0.1 |
| 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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