



Tripp Lite
1111 West 35th Street
Chicago, IL 60609 USA
Telephone: +(773) 869 1234
E-mail: saleshelp@tripplite.com

Model #: SMART1300LCDT

Smart LCD 1300VA Tower Line-Interactive 120V UPS with LCD display and USB port



Highlights

- 1300VA / 1.3kVA tower 120V line interactive UPS with LCD display
- Maintains AC output during power failures
- Corrects brownouts and overvoltages from 92-150V
- LCD interface offers detailed UPS status and site power information
- USB interface, TEL/DSL/ethernet and coax line surge suppression
- NEMA 5-15P input plug and 8 NEMA 5-15R outlets

Description

Tripp Lite's SMART1300LCDT Line-Interactive Tower UPS System offers voltage regulation, surge suppression and long-lasting battery support for personal computers, network workstations, home entertainment systems and media centers. Internal UPS circuits support entry-level PCs or individual VCR/DVR components during power failures. Prevents data loss, viewing interruptions, lost recordings and loss of component programming. Automatic Voltage Regulation (AVR) circuits continuously regulate brownouts and overvoltages from 92V to 150V back to usable levels, all while maintaining a full battery charge. Offers complete power protection in an attractive all-black cabinet design. Includes 8 built-in outlets, 4 with full battery backup and surge suppression for vital system components and another 4 with surge-suppression only for accessories not requiring battery support. Built-in USB port and included cable enables optional unattended system shutdown without data loss in case of extended power failure. PowerAlert software is available via free download from www.tripplite.com. HID-compliant USB interface also enables integration with built-in power management and auto shutdown features of Windows and Mac OS X. Built-in surge dataline surge suppression jacks protect equipment with single-line dialup/DSL or network Ethernet connection. Built-in audible alarm and large LCD front panel display offers easy to read icon-based status indicators and detailed numeric data regarding input voltage, output voltage, frequency, load percentage, load watts, battery voltage and runtime in minutes. 1300VA/720W power-handling capacity supports entry-level PCs, home entertainment systems, network workstations and audio/video components.

Package Includes

- SMART1300LCDT UPS
- USB cabling
- Manual with warranty information

Features

- SMART1300LCDT line interactive UPS offers network-grade voltage regulation, surge suppression and long lasting battery support
- 8 built-in NEMA 5-15R outlets, 4 with UPS and surge suppression for vital components and 4 additional outlets with surge-only protection for devices not requiring battery support
- NEMA 5-15P input plug; 6ft / 1.8m line cord
- Maintains operation of connected equipment to prevent data loss, equipment damage and downtime associated with power failures and severe voltage fluctuations
- Line Interactive Automatic Voltage Regulation / AVR circuits continuously correct brownouts and overvoltages from 92 to 150V without using battery power
- Network-grade AC surge suppression protects equipment from damage and performance problems resulting from transient surges
- Offers 10 minutes runtime 50% load (360 watts)
- Supports an entry level desktop system with LCD screen for up to 64 minutes during power failures (75 watts)
- LCD display continuously reports operating mode and battery charge level, plus additional UPS and site power data, such as input & output voltage, frequency, load percentage, load watts, battery voltage and estimated runtime in minutes
- USB monitoring port enables optional unattended system shutdown using PowerAlert UPS management software available via free download from www.tripplite.com

- HID-compliant USB interface also enables automatic integration with built-in power management and auto shutdown features of Windows and Mac OS X
- Built-in data line surge suppression offers protection for equipment with single-line dialup or network ethernet connection, plus one set of coax jacks for CATV / broadcast line protection

Specifications

| OUTPUT | |
|--|-------------------------------------|
| Output Volt Amp Capacity (VA) | 1300 |
| Output kVA capacity (kVA) | 1.3 |
| Output Watt Capacity (watts) | 720 |
| Nominal Output Voltage(s) Supported | 120V |
| Frequency compatibility | 60 Hz |
| Output voltage regulation (line mode) | -10%, +6% |
| Output voltage regulation (Battery mode) | +/- 5% |
| Built-in UPS output receptacles | 8 5-15R outlet(s) |
| Surge suppression only outlets | 4 UPS outlets, 4 surge-only outlets |
| Output AC waveform (AC mode) | Sine wave |
| Output AC waveform (battery mode) | PWM sine wave |
| INPUT | |
| Rated input current (at maximum load) | 12A |
| Nominal Input Voltage(s) Supported | 120V AC |
| UPS input connection type | 5-15P |
| Input circuit breaker | 20A |
| UPS Input cord length (ft.) | 6 |
| UPS Input cord length (m) | 1.8 |
| Recommended Electrical Service | 15A 120V |
| BATTERY | |
| Half load runtime (minutes) | 10 minutes (360 watts) |

| | |
|--|--|
| DC system voltage (VDC) | 24 |
| Battery recharge rate (included batteries) | Less than 6.3 hours from 10% to 90% |
| Replacement battery cartridge (internal UPS battery replacement) | RBC51 (requires 2) |
| 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 150 are reduced by 15% |
| Undervoltage correction | Input voltages between 92 and 108 are boosted by 18% |
| LEDS ALARMS & SWITCHES | |
| 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, Output load in watts, Battery voltage and Estimated runtime in minutes |
| Alarms | Audible alarm indicates power-failure and low-battery conditions |
| Alarm cancel operation | Power-fail alarm can be silenced using alarm-cancel switch |
| Switches | Power switch offers whole UPS power control; Scroll/mute button enables LCD selection options and silences audible alarm; Test button initiates self test |
| 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 | |
| Installation form factors supported with included accessories | Tower |
| Primary form factor | Tower |
| UPS / Power Module dimensions in primary form factor (height x width x depth / inches) | 8 x 5.75 x 15.4 |
| UPS / Power Module dimensions in primary form factor (height x width x depth / cm) | 20.3 x 14.6 x 39.1 |
| UPS / Power Module weight (lbs) | 26.5 |
| UPS / Power Module weight (kg) | 12 |

| | |
|--|--|
| UPS Shipping dimensions (height x width x depth / inches) | 9 x 11.25 x 19.25 |
| UPS Shipping dimensions (height x width x depth / cm) | 22.9 x 28.6 x 48.9 |
| Shipping weight (lbs) | 26.5 |
| Shipping weight (kg) | 12 |
| Cooling method | Fan |
| 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 |
| COMMUNICATIONS | |
| Communications interface | USB (HID enabled) |
| Network monitoring port description | Supports detailed monitoring of UPS and site power conditions |
| PowerAlert software | Free download from www.tripplite.com |
| 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 | 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 | hot-swap batteries |
| Green & high efficiency features | Greater than 95% efficiency - GREEN UPS |
| CERTIFICATIONS | |
| 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 |

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|---|---|
| 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 |
| Connected Equipment Insurance (U.S., Canada & Puerto Rico) | \$250,000 Ultimate Lifetime Insurance |

Related Items

Optional Products

| Related Model | Description | Qty. |
|--------------------------------|---|------|
| WEXT5-500-1500 | 5-Year Extended Warranty - For Smart Line-Interactive and Online Tower or Rack models, 1500VA or less | 1 |
| WATCHDOGSW | WatchDog Service Monitoring / Reboot Software | 1 |
| PDUB15 | Single-Phase Hot-Swap PDU, 15A 120V, 2U Horizontal Rackmount, 8 NEMA 5-15R outlets, set of 2 NEMA 5-15P input plugs | 1 |

More information, including related products, owner's manuals, and additional technical specifications, can be found online at www.tripplite.com/en/products/model.cfm?txtModelID=5326.

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