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TAA-Compliant SmartPro 120V 1.5kVA 980W Line-Interactive UPS, Tower, Extended Run, USB, DB9, 6 Outlets

MODEL NUMBER: **SMART1500XLTA**



Protects connected mission-critical equipment against damage, downtime and data loss due to blackouts, brownouts, power surges and line noise. Ideal solution for VoIP systems, point-of-sale applications and network closets.

Description

The SMART1500XLTA SmartPro 120V 1.5kVA 980W Line-Interactive UPS 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 VoIP systems, point-of-sale applications and network closets, the SMART1500XLTA switches to battery mode in milliseconds to keep your connected equipment running long enough to save files and shut down safely with no data loss.

Featuring six NEMA 5-15R outlets (one switchable) and a six-foot power cord with 120V NEMA 5-15P input, the SMART1500XLTA has an internal battery that provides 20 minutes of support at half load and seven minutes at full load. Adding external battery packs, such as Tripp Lite's BP36V15-2U (sold separately), provides extended runtime. Front-panel LEDs indicate line power, battery power, overload, voltage regulation and battery status. An alarm sounds to indicate power failure, overload or a low battery.

Automatic voltage regulation (AVR) maintains 120V nominal output over an input range of 75V to 147V without using 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. With Tripp Lite's PowerAlert® software (available via free download), SMART1500XLTA enables safe unattended system shutdown and file saves in case of a prolonged power failure.

Features

Protects Mission-Critical Equipment

- Provides fully regulated AC output for VoIP systems, point-of-sale applications and network closets

Highlights

- Corrects under- and overvoltages from 75V to 147V
- 6 NEMA 5-15R outlets—1 switchable via network interface
- Front-panel LEDs indicate load, power and battery statuses
- Expandable runtime with optional external battery packs
- 20 min. runtime at half load; 7 min. at full load

Package Includes

- SMART1500XLTA SmartPro 120V 1.5kVA 980W Line-Interactive UPS
- USB cable
- DB9 cable
- Owner's manual



- Audible alarm signals loss of utility power, overload or low battery
- 6 NEMA 5-15R outlets
- 6 ft. power cord with 120V NEMA 5-15P input
- 480-joule surge suppression rating

Reliable Battery Backup with Expandable Runtime

- Supports half load up to 20 min. and full load up to 7 min.
- Internal batteries designed for hot-swap field replacement
- 95% line-power efficiency rating saves money in energy costs
- Expandable runtime with optional external battery packs, such as Tripp Lite's BP36V15-2U

Load Bank with Switchable Outlet

- Can control 1 outlet remotely to reboot equipment or shed nonessential loads

Automatic Voltage Regulation (AVR)

- Maintains 120V nominal output over input range of 75V–147V without using battery power

EMI/RFI Line Noise Filtering

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

LED Indicators

- Front-panel LEDs signal indicate line power, battery power, overload, voltage regulation and battery status

Communications Ports

- 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

Small-Footprint Tower Housing

- Mounts on wall with optional UPSWM accessory

TAA Compliant

- Complies with Federal Trade Agreements Act (TAA) for GSA Schedule purchases

Specifications

| OVERVIEW | |
|----------|--------------|
| UPC Code | 037332152701 |



| OUTPUT | |
|--|---|
| Output Volt Amp Capacity (VA) | 1500 |
| Output kVA Capacity (kVA) | 1.5 |
| Output Watt Capacity (Watts) | 980 |
| Nominal Output Voltage(s) Supported | 110V; 115V; 120V |
| Nominal Voltage Details | 120v nominal output in battery mode |
| Frequency Compatibility | 60 Hz |
| Output Voltage Regulation (Line Mode) | -18%, +8% |
| Output Voltage Regulation (Battery Mode) | +/- 5% |
| Output Receptacles | (6) 5-15R |
| Load Management Receptacles | One switchable single-outlet 5-15R load bank |
| 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 |
| Input Circuit Breakers | 15A |
| 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.) | 7 min. (980w) |
| Half Load Runtime (min.) | 20 min. (490w) |
| Expandable Battery Runtime | Extended runtime supported via optional external battery packs |
| External Battery Pack Compatibility | BP36V15-2U & BP36V42-3U (multi-pack compatible); & BP36V27-2US (multi-pack compatible) |
| DC System Voltage (VDC) | 36 |
| Battery Recharge Rate (Included Batteries) | Less than 4 hours from 10% to 90% |



| | |
|---|---|
| Internal UPS Replacement Battery Cartridge | RBC53 </td> |
| Battery Access | Battery access door |
| Battery Replacement Description | Hot-swappable, user replaceable batteries |
| Expandable Runtime | Yes |
| 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 | |
| Switches | 2 Switches control off/on power status and alarm-cancel/self-test operation |
| 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, overload and low-battery conditions |
| LED Indicators | 5 LEDs indicate line power, battery power, overload, voltage regulation and battery low/replace status |
| SURGE / NOISE SUPPRESSION | |
| UPS AC Suppression Joule Rating | 480 |
| UPS AC Suppression Response Time | Instantaneous |
| EMI / RFI AC Noise Suppression | Yes |
| PHYSICAL | |
| Installation Form Factors Supported with Included Accessories | Tower |
| Installation Form Factors Supported with Optional Accessories | Wallmount (UPSWM - tower mounting kit) |
| Primary Form Factor | Tower |
| UPS Power Module Dimensions (hwd, in.) | 12.8 x 7.5 x 9.5 |
| UPS Power Module Dimensions (hwd, cm) | 32.51 x 19.05 x 24.13 |
| UPS Power Module Weight (lbs.) | 41.6 |
| UPS Power Module Weight (kg) | 18.87 |
| Shipping Dimensions (hwd / in.) | 17.000 x 11.200 x 12.800 |
| Shipping Dimensions (hwd / cm) | 43.18 x 28.45 x 32.51 |
| Shipping Weight (lbs.) | 43.4000 |



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| | |
|---|--|
| Shipping Weight (kg) | 19.69 |
| Cooling Method | Fan |
| UPS Housing Material | PVC |
| Primary UPS Height (mm) | 325 |
| Primary UPS Width (mm) | 191 |
| Primary UPS Depth (mm) | 241 |
| 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) | 176 |
| Battery Mode BTU / Hr. (Full Load) | 456 |
| AC Mode Efficiency Rating (100% Load) | 95% |
| COMMUNICATIONS | |
| Communications Interface | USB; 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 http://www.tripplite.com/poweralert |
| Communications Cable | USB and DB9 cabling included |
| WatchDog Compatibility | Supports Watchdog application, OS and hard-reboot restart options for remote applications |
| LINE / BATTERY TRANSFER | |
| Transfer Time | 2-4 milliseconds |
| Low Voltage Transfer to Battery Power (Setpoint) | 75 |
| High Voltage Transfer to Battery Power (Setpoint) | 147 |
| SPECIAL FEATURES | |
| Cold Start (Startup in Battery Mode During a Power Failure) | Cold-start operation supported |
| High Availability UPS Features | Hot swappable batteries |
| Green Energy-Saving Features | Greater than 95% efficiency - GREEN UPS; Individually controllable load banks |
| CERTIFICATIONS | |
| UPS Certifications | Tested to UL1778 (USA); Tested to CSA (Canada); Tested to NOM (Mexico); Meets FCC Part 15 Category A (EMI); ROHS (Restriction of Hazardous Substances); TAA Compliant |



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| WARRANTY | |
|--|---|
| Product Warranty Period (Worldwide) | 2-year limited warranty |
| Connected Equipment Insurance (U.S., Canada & Puerto Rico) | \$250,000 Ultimate Lifetime Insurance |

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