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## Model #: SMART1500SLT

### SmartPro 1.5kVA Line Interactive Sine Wave UPS, SNMPWEBCARD option, Tower, USB, Serial, 100/110/120V

#### Highlights



- 1.5kVA / 1500VA line interactive tower UPS; Sine wave output
- 100/110/120V output, Corrects brownouts and overvoltages
- USB, RS232 and slot for optional SNMP/Web card
- Detailed status LEDs, Single line TEL / DSL surge suppression
- NEMA 5-15P input, 8 5-15R outlets

#### Description

1500VA line-interactive tower UPS system for server, networking and telecommunications equipment. Upright tower form factor. Offers sine wave 100V, 110V or 120V nominal output in both AC and battery modes. Switches to battery-derived AC output during power failures and extreme voltage variations. Line-interactive automatic voltage regulation (AVR) provides voltage boost/cut during brownouts/overvoltages to maintain regulated 100V, 110V or 120V nominal output over an input voltage range of 95-145V. Includes NEMA 5-15P input plug and 8 UPS-supported NEMA 5-15R output receptacles. Network-grade AC surge and noise suppression. Network management interfaces support simultaneous communications via USB port, DB9 serial port and SNMPWEBCARD slot. HID-compliant USB interface enables integration with built-in power management and auto shutdown features of Windows and Mac OS X. Supports simultaneous detailed monitoring of equipment load levels, self-test data and utility power conditions via all 3 network interfaces. Includes PowerAlert monitoring software and complete cabling. Three-stage metered current monitoring and battery charge status LEDs. Data line surge suppression for dialup, DSL or network Ethernet connections. Utility power and voltage regulation LEDs. Audible alarm. Self-test. Field-replaceable, hot-swappable internal batteries. Attractive all-black color scheme.

#### Package Includes

- SMART 1500SLT UPS System
- PowerAlert Software CD-Rom
- USB and serial cabling

#### Features

- SMART 1500SLT line-interactive UPS offers battery derived sine wave AC output during power outages, voltage regulation during brownouts and overvoltages, plus network-grade AC surge suppression
- 1500VA/900 watt power handling capability with full-time sine wave output offers guaranteed compatibility with networking, telecom and other sensitive electronic devices
- Large internal batteries offer runtimes of 17 minutes at half load (750VA/450 watts) and 6 minutes at full load (1500VA/900 watts)
- Automatic Voltage Regulation (AVR) circuits maintain user-selectable 100, 110, 120 or 127V nominal output over an input voltage range of 91 to 145V
- Includes 8 fully-protected NEMA 5-15R output receptacles arranged in a single load bank that can be powered off and back on again via software interface
- PowerAlert UPS monitoring and unattended shutdown software enables configurable network broadcast messaging, pager & email notification, event logging and running user-defined script commands
- Offers simultaneous monitoring by up to 3 directly-connected devices through included USB, DB9 and SNMP\* interfaces (\*requires optional SNMPWEBCARD), or the monitoring of any number of additional UPS systems over IP with included PowerAlert monitoring software.
- Communications ports support messaging of UPS and line power status, including on-battery, low-battery, power restored, AC line voltage, DC battery voltage and remaining battery capacity
- Supports timed inverter shutoff after unattended shutdown, activate self-test and UPS output power control for scheduled or immediate reboot of connected equipment

- Supports Tripp Lite's WatchDog software application to restore unresponsive programs by systematically restarting applications, operating systems and ultimately rebooting completely locked computers by momentarily switching UPS power off and back on again (requires optional WATCHDOGSW)
- LEDs offer continuous detailed status information of UPS operating parameters and site power quality
- Hot-swappable batteries allow on-site battery replacement without powering off connected equipment

## Specifications

| <b>OUTPUT</b>                            |  |
|--|--|
| Output Volt Amp Capacity (VA)            | 1500   |
| Output kVA capacity (kVA)                | 1.5  |
| Output Watt Capacity (watts)             | 900  |
| Output power factor                      | 0.6  |
| Nominal Output Voltage(s) Supported      | 100V; 110V; 120V   |
| Nominal Voltage details                  | 120V default (voltage selection via back panel switches) |
| Frequency compatibility                  | 50 / 60 Hz   |
| Output voltage regulation (line mode)    | -13%, + 15%  |
| Output voltage regulation (Battery mode) | +/- 5%   |
| Built-in UPS output receptacles          | 8 5-15R outlet(s)  |
| Output AC waveform (AC mode)             | Sine wave  |
| Output AC waveform (battery mode)        | Pure Sine wave   |
| <b>INPUT</b>                             |  |
| Rated input current (at maximum load)    | 10.1A (100V), 9.3A (110V), 8.6A (120V)                   |
| Nominal Input Voltage(s) Supported       | 100V AC; 110V AC; 120V AC                                |
| UPS input connection type                | 5-15P  |
| UPS Input cord length (ft.)              | 6  |
| UPS Input cord length (m)                | 1.8  |
| Recommended Electrical Service           | 15A 120V   |
| Phase                                    | Single-Phase   |
| <b>BATTERY</b>                           |  |
| Full load runtime (minutes)              | 8 min. (900w)  |
| Half load runtime (minutes)              | 20 min. (450w)   |

|   |   |
|---|---|
| <b>DC system voltage (VDC)</b>  | 36  |
| <b>Battery recharge rate (included batteries)</b>   | Less than 8 hours from 10% to 90%   |
| <b>Replacement battery cartridge (internal UPS battery replacement)</b>                       | RBC36-SLT   |
| <b>Battery Access</b>   | Battery access door   |
| <b>Battery replacement description</b>  | Hot-swappable, user replaceable batteries   |
| <b>VOLTAGE REGULATION</b>   |   |
| <b>Voltage regulation description</b>   | Automatic voltage regulation (AVR) maintains line power operation with an input voltage range of 95 to 145 (120v), 87 to 133 (110v), 83 to 121 (100v) |
| <b>Overvoltage correction</b>   | Voltage reduction of 12% applies when input is 127 to 145 (120v), 116 to 133 (110v), 111 to 121 (100v)  |
| <b>Undervoltage correction</b>  | Voltage boost of 14% applies when input is 95 to 108 (120v), 87 to 99 (110v), 83 to 90 (100v)   |
| <b>LEDS ALARMS &amp; SWITCHES</b>   |   |
| <b>LED Indicators</b>   | Status LEDs indicate line power, battery power, AVR, overload and replace battery status - with a 3-LED level meter for load and battery charge level |
| <b>Site wiring fault indication</b>   | Rear panel site wiring fault LED  |
| <b>Alarms</b>   | Audible alarm indicates power failure and overload conditions   |
| <b>Alarm cancel operation</b>   | Power-fail alarm can be silenced using alarm-cancel switch  |
| <b>Switches</b>   | 2 Switches control off/on power status and alarm-cancel/self-test operation; rear panel protected switches support nominal voltage selection          |
| <b>SURGE / NOISE SUPPRESSION</b>  |   |
| <b>UPS AC suppression joule rating</b>  | 690   |
| <b>UPS AC suppression response time</b>   | Instantaneous   |
| <b>UPS Dataline suppression</b>   | 1 line TEL/DSL (1 in / 1 out); 10/100Base T Ethernet  |
| <b>EMI / RFI AC noise suppression</b>   | Yes   |
| <b>PHYSICAL</b>   |   |
| <b>Installation form factors supported with included accessories</b>                          | Tower   |
| <b>Primary form factor</b>  | Tower   |
| <b>UPS / Power Module dimensions in primary form factor (height x width x depth / inches)</b> | 10.2 x 6.8 x 13.2   |
| <b>UPS / Power Module dimensions in primary form factor (height x width x depth / cm)</b>     | 26 x 17.1 x 33.7  |
| <b>UPS / Power Module weight (lbs)</b>  | 45  |

|  |   |
|--|---|
| <b>UPS / Power Module weight (kg)</b>                              | 20.4  |
| <b>UPS Shipping dimensions (height x width x depth / inches)</b>   | 14 x 9.8 x 18.5   |
| <b>UPS Shipping dimensions (height x width x depth / cm)</b>       | 35.6 x 24.8 x 47  |
| <b>Shipping weight (lbs)</b>                                       | 49.2  |
| <b>Shipping weight (kg)</b>  | 22.3  |
| <b>Cooling method</b>  | Fan   |
| <b>UPS housing material</b>  | Steel   |
| <b>ENVIRONMENTAL</b>   |   |
| <b>Operating Temperature Range</b>                                 | +32 to +104 degrees Fahrenheit / 0 to +40 degrees Celsius                                 |
| <b>Storage Temperature Range</b>                                   | +5 to +122 degrees Fahrenheit / -15 to +50 degrees Celsius                                |
| <b>Relative Humidity</b>   | 0 to 95%, non-condensing  |
| <b>AC mode BTU / hr. (full load)</b>                               | 161.1   |
| <b>Battery mode BTU / hr. (full load)</b>                          | 498.1   |
| <b>Audible Noise</b>   | Audible Noise < 50 dBA at Front Side 1 Meter  |
| <b>COMMUNICATIONS</b>  |   |
| <b>Communications interface</b>                                    | USB; DB9 Serial; Slot for SNMP/Web interface  |
| <b>Network monitoring port description</b>                         | Supports detailed monitoring of UPS and site power conditions                             |
| <b>PowerAlert software</b>   | Included  |
| <b>Communications cable</b>  | USB and DB9 cabling included  |
| <b>WatchDog compatibility</b>                                      | Supports Watchdog application, OS and hard-reboot restart options for remote applications |
| <b>LINE / BATTERY TRANSFER</b>                                     |   |
| <b>Transfer time</b>   | 4-6 milliseconds  |
| <b>Low voltage transfer to battery power (setpoint)</b>            | 95V (120V), 87V (110V), 83V (100V)  |
| <b>High voltage transfer to battery power (setpoint)</b>           | 145V (120V), 133V (110V), 121V (100V)   |
| <b>SPECIAL FEATURES</b>  |   |
| <b>Cold Start (startup in battery mode during a power failure)</b> | Cold-start operation supported  |
| <b>High availability UPS features</b>                              | Hot swappable batteries   |
| <b>Green &amp; high efficiency features</b>                        | 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 (Worldwide)                        | 2-year warranty, 3 year with <a href="#">registration</a> . Note: <a href="#">registration</a> is required for 3-year warranty. |
| Connected Equipment Insurance (U.S., Canada & Puerto Rico) | \$250,000 <a href="#">Ultimate Lifetime Insurance</a>   |

## Related Items

### Optional Products

| Related Model                  | Description   | Qty. |
|--------------------------------|---|------|
| <a href="#">SNMPWEBCARD</a>    | For remote monitoring and control via SNMP, Web, or Telnet.   | 1    |
| <a href="#">ENVIROSENSE</a>    | Monitors temperature, humidity and contact-closure inputs. (Requires SNMPWEBCARD or switched PDU.)  | 1    |
| <a href="#">MODBUSCARD</a>     | For remote monitoring and control via MODBUS protocol   | 1    |
| <a href="#">WEXT5-500-1500</a> | 5-Year Extended Warranty - For Smart Line-Interactive and Online Tower or Rack models, 1500VA or less   | 1    |
| <a href="#">RBC36-SLT</a>      | UPS Replacement Battery Cartridge for select Tripp Lite SLT UPS   | 1    |
| <a href="#">WATCHDOGSW</a>     | WatchDog Service Monitoring / Reboot Software   | 1    |
| <a href="#">PDUB15</a>         | Dual source Power Distribution Unit / PDU with Manual Transfer Switch enables Hot-swappable UPS Replacement in Critical Network Applications  | 1    |
| <a href="#">PDU1215</a>        | Basic PDU / Power Distribution Unit - Safe, reliable power distribution for critical networking equipment   | 1    |
| <a href="#">PDUNV</a>          | Basic PDU / Power Distribution Unit - Safe, reliable power distribution for critical networking equipment   | 1    |
| <a href="#">PDUMH15</a>        | Metered PDU / Power Distribution Unit - Safe, reliable power distribution with digital current meter  | 1    |
| <a href="#">PDUMH15AT</a>      | Metered PDU with ATS - Power Distribution Unit with dual-input Auto Transfer Switching  | 1    |
| <a href="#">PDUMNH15</a>       | Monitored PDU / Power Distribution Unit supports real-time remote monitoring of load level, voltage and frequency with options for remote environmental and security monitoring                 | 1    |
| <a href="#">PDUMNV15</a>       | Monitored PDU / Power Distribution Unit supports real-time remote monitoring of load level, voltage and frequency with options for remote environmental and security monitoring                 | 1    |
| <a href="#">PDUMH15ATNET</a>   | Switched, Metered PDU with ATS - Power Distribution Unit with dual-input Auto Transfer Switching, individual outlet control and remote network interface  | 1    |
| <a href="#">PDUMV15NET</a>     | Switched, Metered PDU with Remote Monitoring - 0U Vertical Rackmount Power Distribution Unit for Networks with Individually Switchable Outlets, Current Metering, Remote Monitoring and Control | 1    |
| <a href="#">P007-002</a>       | 2-ft. Heavy-Duty 14AWG Power cord (IEC-320-C13 to NEMA 5-15P)   | 1    |
| <a href="#">P007-006</a>       | 6-ft. Heavy-Duty 14AWG Power cord (IEC-320-C13 to NEMA 5-15P)   | 1    |
| <a href="#">P007-010</a>       | 10-ft. Heavy-Duty 14AWG Power cord (IEC-320-C13 to NEMA 5-15P)  | 1    |
| <a href="#">P010-012</a>       | 12-ft. 18AWG Power cord (NEMA 5-15P to IEC-320-C13)   | 1    |

|             |  |   |
|-------------|--|---|
| P022-001    | 1-ft. 18AWG Power Extension cord<br>(NEMA 5-15R to NEMA 5-15P)     | 1 |
| P023-001    | 1-ft. 14AWG Power Adapter cord<br>(NEMA L5-15R to NEMA 5-15P)      | 1 |
| P034-010    | 10-ft. 14AWG Heavy Duty Power cord<br>( IEC-320-C19 to NEMA 5-15P) | 1 |
| RELAYIOCARD | Programmable Relay I/O Card  | 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=3254](http://www.tripplite.com/en/products/model.cfm?txtModelID=3254).

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