

SmartPro® 120V 1.5kVA 900W Line-Interactive Sine Wave UPS, Tower, Network Card Options, USB, DB9, 8 Outlets

MODEL NUMBER: **SMART1500SLT**



Highlights

- Corrects under- and overvoltages from 95V to 145V
- 8 NEMA 5-15R outlets
- Front-panel LEDs indicate load, power and battery statuses
- Monitoring of power conditions via PowerAlert®
- 20 min. runtime at half load; 8 min. at full load

Package Includes

- SMART1500SLT SmartPro 120V 1.5kVA 900W Line-Interactive Sine Wave UPS
- USB cable
- DB9 cable
- PowerAlert software
- Owner's manual

Description

The SMART1500SLT SmartPro 120V 1.5kVA 900W Line-Interactive Sine Wave 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 SMART1500SLT 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 eight NEMA 5-15R outlets and a six-foot power cord with NEMA 5-15P input, the SMART1500SLT has an internal battery that provides 20 minutes of support at half load and eight minutes at full load. Front-panel LEDs indicate line power, battery power, overload, voltage regulation and battery status. An alarm sounds to indicate power failure and overload conditions.

Automatic voltage regulation (AVR) maintains selectable 100V, 110V or 120V nominal output over an input range of 95V to 145V without using battery power. EMI/RFI noise filtering improves your equipment's performance and prevents damage. A 690-joule surge suppression rating protects your equipment from harmful power surges. With Tripp Lite's PowerAlert software (available via free download), SMART1500SLT 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
- Audible alarm signals loss of utility power or overload
- 8 NEMA 5-15R outlets
- 6 ft. power cord with NEMA 5-15P input
- 690-joule surge suppression rating

Reliable Battery Backup

- Supports half load up to 20 min. and full load up to 8 min.



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- Internal batteries designed for hot-swap field replacement
- 95% line-power efficiency rating saves money in energy costs
- Cold-start capability enables turn-on in battery mode during blackouts

Automatic Voltage Regulation(AVR)

- Maintains selected 100V, 110V or 120V nominal output over input range of 95V–145V 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

Network Management Cards

- Compatible with Tripp Lite UPS management card options [TLNETCARD](#), [WEBCARDLX](#), [SNMPWEBCARD](#) and [RELAYIOCARD](#)

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

RJ45 Telephone/Ethernet Protection Jacks

- Protect phone/DSL/fax/modem/Ethernet network against power surges

Specifications

OUTPUT	
Output Volt Amp Capacity (VA)	1500
Output kVA Capacity (kVA)	1.5
Output Watt Capacity (Watts)	900
Nominal Output Voltage(s) Supported	100V; 110V; 120V
Nominal Voltage Details	120V default (voltage selection via back panel switches)
Frequency Compatibility	50 / 60 Hz
Frequency Compatibility Details	Automatic frequency selection
Output Voltage Regulation (Line Mode)	-13%, + 15%
Output Voltage Regulation (Battery Mode)	+/- 5%
Output Receptacles	(8) 5-15R
Output AC Waveform (AC Mode)	Sine wave
Output AC Waveform (Battery Mode)	Pure Sine wave



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INPUT	
Rated input current (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
Input Phase	Single-Phase
BATTERY	
Full Load Runtime (min.)	8 min. (900w)
Half Load Runtime (min.)	20 min. (450w)
DC System Voltage (VDC)	36
Battery Recharge Rate (Included Batteries)	Less than 8 hours from 10% to 90% (typical, full load discharge)
Internal UPS Replacement Battery Cartridge	RBC36-SLT
Battery Access	Battery access door
Battery Replacement Description	Hot-swappable, user replaceable batteries
Expandable Runtime	No
VOLTAGE REGULATION	
Voltage Regulation Description	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)
Overvoltage Correction	Voltage reduction of 12% applies when input is 127 to 145 (120v), 116 to 133 (110v), 111 to 121 (100v)
Undervoltage Correction	Voltage boost of 14% applies when input is 95 to 108 (120v), 87 to 99 (110v), 83 to 90 (100v)
USER INTERFACE, ALERTS & CONTROLS	
Switches	2 Switches control off/on power status and alarm-cancel/self-test operation; rear panel protected switches support nominal voltage selection
Alarm Cancel Operation	Power-fail alarm can be silenced using alarm-cancel switch
Audible Alarm	Audible alarm indicates power failure and overload conditions
LED Indicators	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
Site Wiring Fault Indication	Rear panel site wiring fault LED
SURGE / NOISE SUPPRESSION	
UPS AC Suppression Joule Rating	690



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UPS AC Suppression Response Time	Instantaneous
UPS Dataline Suppression	1 line TEL/DSL (1 in / 1 out); 10/100Base T Ethernet
EMI / RFI AC Noise Suppression	Yes
PHYSICAL	
Primary Form Factor	Tower
UPS Power Module Dimensions (hwd, in.)	10.2 x 6.8 x 13.2
UPS Power Module Dimensions (hwd, cm)	25.91 x 17.27 x 33.53
UPS Power Module Weight (lbs.)	45
UPS Power Module Weight (kg)	20.41
UPS Shipping Dimensions (hwd / in.)	14 x 9.8 x 18.5
UPS Shipping Dimensions (hwd / cm)	35.56 x 24.89 x 46.99
Shipping Weight (lbs.)	49.2
Shipping Weight (kg)	22.3
Cooling Method	Fan
UPS Housing Material	Steel
Primary UPS Height (mm)	259
Primary UPS Width (mm)	173
Primary UPS Depth (mm)	335
Shipping Height (mm)	356
Shipping Width (mm)	249
Shipping Depth (mm)	470
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)	148
Battery Mode BTU / Hr. (Full Load)	500
AC Mode Efficiency Rating (100% Load)	95%
Audible Noise	Audible Noise < 50 dBA at Front Side 1 Meter
COMMUNICATIONS	



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Communications Interface	USB; DB9 Serial; Slot for SNMP/Web interface
Network Management Cards	SNMPWEBCARD ; TLNETCARD ; WEBCARDLX ; RELAYIOCARD
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	4-6 milliseconds
Low Voltage Transfer to Battery Power (Setpoint)	95V (120V), 87V (110V), 83V (100V)
High Voltage Transfer to Battery Power (Setpoint)	145V (120V), 133V (110V), 121V (100V)
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
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 registration. Note: Registration is required for 3-year warranty.
Connected Equipment Insurance (U.S., Canada & Puerto Rico)	\$250,000 Ultimate Lifetime Insurance

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<http://www.tripplite.com/products/product-certification-agencies>