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

MODEL NUMBER: **SMART1500SLT**





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.

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
- Designed for commercial applications; see product description for home-use recommendations

Package Includes

- SMART1500SLT SmartPro 120V 1.5kVA 900W Line-Interactive Sine Wave UPS
- USB cable
- DB9 cable
- 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 PowerAlert® software (available via free download), SMART1500SLT enables safe unattended system shutdown in case of a prolonged power failure.
This product is designed with features typically required in commercial applications, including network connectivity and a ruggedized case. For home use, consider SMART1500 or SMART1500LCDT.

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.
- 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 UPS management card options WEBCARDLX, SNMPWEBCARD and RELAYIOCARD

Communications Ports
- USB & Serial ports enable data-saving unattended shutdown when used with PowerAlert software, available via FREE download from tripplite.eaton.com/products/power-alert

RJ45 Telephone/Ethernet Protection Jacks
- Protect phone/DSL/fax/modem/Ethernet network against power surges

This product is designed with features typically required in commercial applications, including network connectivity and a ruggedized case. For home use, consider SMART1500 or SMART1500LCDT. Click to compare product features.

Specifications

OVERVIEW	
UPC Code	037332119896
UPS Type	Line-Interactive
INPUT	
Input Phase	Single-Phase
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
Input Circuit Breakers	15A
UPS Input Cord Length (ft.)	6
UPS Input Cord Length (m)	1.8
Recommended Electrical Service	15A 120V
Maximum Input Amps	10
Total Harmonic Distortion	0.03
OUTPUT	
Output Capacity (VA)	1500

Output Capacity (kVA)	1.5
Output Capacity (Watts)	900
Output Capacity (kW)	0.9
Output Capacity Details	7.5A @ 120V (default), 8.2A @ 110V, 9A @ 100V. 125% @ 10 minutes 110% +/- 10% @ 5 seconds
Power Factor	0.63
Nominal Voltage Details	120V sinusoidal in line mode and 120V sinusoidal in battery mode
Frequency Compatibility	50 / 60 Hz
Frequency Compatibility Details	Automatic frequency selection. Output is regulated to +/-0.05Hz when input frequency exceeds +/-5Hz of nominal.
Output Voltage Regulation (Line Mode)	-13%, + 15%
Output Voltage Regulation (Battery Mode)	+/- 5%
Output AC Waveform (AC Mode)	Sine wave
Output AC Waveform (Battery Mode)	Pure Sine wave
Nominal Output Voltage(s) Supported	100V; 110V; 120V
Output Receptacles	(8) 5-15R
Individually Controllable Load Banks	No
BATTERY	
Battery Type	Valve Regulated Lead Acid (VRLA)
Runtime Full Load (min.)	8 min. (900W)
Runtime Half Load (min.)	20 min. (450W)
Expandable Runtime	No
DC System Voltage (VDC)	36
Battery Recharge Rate (Included Batteries)	Less than 6 hours from 10% to 80% (typical, full load discharge)
Battery Access	Battery access door
Internal UPS Replacement Battery Cartridge	RBC36-SLT
Battery Replacement Description	Hot-swappable, user replaceable batteries
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); All voltage setpoints ±5% tolerance
Undervoltage Correction	Voltage boost of 14% applies when input is 95 to 108 (120v), 87 to 99 (110v), 83 to 90 (100v); All voltage setpoints ±5% tolerance
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 Dataline Suppression	1 line TEL/DSL (1 in / 1 out); 10/100Base T Ethernet
EMI / RFI AC Noise Suppression	Yes
AC Suppression Joule Rating	690
AC Suppression Response Time	Instantaneous
PHYSICAL	
Primary Form Factor	Tower
Cooling Method	Fan
Installation Form Factors Supported with Included Accessories	Tower
Primary UPS Depth (mm)	335
Primary UPS Height (mm)	259
Primary UPS Width (mm)	173
Shipping Dimensions (hwd / in.)	13.90 x 9.70 x 17.60
Shipping Dimensions (hwd / cm)	35.31 x 24.64 x 44.70
Shipping Weight (lbs.)	46.30
Shipping Weight (kg)	21.00
UPS Housing Material	Steel
UPS Power Module Dimensions (hwd, cm)	25.91 x 17.27 x 33.53
UPS Power Module Dimensions (hwd, in.)	10.2 x 6.8 x 13.2
UPS Power Module Weight (kg)	20.41
UPS Power Module Weight (lbs.)	45
Unit Dimensions (hwd / in.)	10.250 x 6.750 x 13.250
Unit Weight (lbs.)	45.0000
Unit Weight (kg)	20.41
ENVIRONMENTAL	
Operating Temperature Range	32° to 104°F (0° to 40°C)
Storage Temperature Range	5° to 122°F (-15° to 50°C)

Relative Humidity	0 to 95%, non-condensing
AC Mode BTU / Hr. (Full Load)	148
AC Mode Efficiency Rating (100% Load)	95%
Battery Mode Heat Dissipation (BTU/Hr) @ Full Load	500
Operating Elevation	0-6562 ft. (0-2000 m)
Audible Noise	Audible Noise < 50 dBA at Front Side 1 Meter
COMMUNICATIONS	
Network Management Cards	WEBCARDLXE ; 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 software at https://tripplite.eaton.com/products/power-alert
Communications Cable	USB and DB9 cabling included
WatchDog Compatibility	Supports Watchdog application, OS and hard-reboot restart options for remote applications
Network Management Card Description	Network management card optional
Communications Interface	DB9 Serial; Slot for SNMP/Web interface; USB (HID enabled)
LINE / BATTERY TRANSFER	
Transfer Time	4-6 milliseconds
Low Voltage Transfer to Battery Power (Setpoint)	95V (120V), 87V (110V), 83V (100V); All voltage setpoints ±5% tolerance
High Voltage Transfer to Battery Power (Setpoint)	145V (120V), 133V (110V), 121V (100V); All voltage setpoints ±5% tolerance
FEATURES & SPECIFICATIONS	
Cold Start (Startup in Battery Mode During a Power Failure)	Cold-start operation supported
High Availability UPS Features	Auto Probe Monitoring (requires WEBCARDLXE); Automatic Voltage Regulation (AVR); Hot swappable batteries; Remote management; Surge/noise protection
Green Energy-Saving Features	Greater than 95% efficiency - GREEN UPS
APPLICATIONS	
UPS Applications	Large Network; High-End Desktop/Small Network; Retail/Point of Sale; Hospitality
STANDARDS & COMPLIANCE	
Product Certifications	CSA (Canada); NOM (Mexico); UL 1778
Product Compliance	RoHS; FCC Part 15 Class A (USA)
WARRANTY & SUPPORT	

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

1000 Eaton Boulevard
Cleveland, OH 44122
United States
https://tripplite.eaton.com

© 2025 Eaton. All Rights Reserved.
Eaton is a registered trademark. All other trademarks
are the property of their respective owners.