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

MODEL NUMBER: **SMC1500T**







Protects connected mission-critical equipment against damage, downtime and data loss due to blackouts, brownouts, power surges and line noise. Pure sine wave output is compatible with active PFC power supplies.

Description

The SMC1500T 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 high-performance workstations, servers and network equipment, the SMC1500T 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. Pure sine wave output is compatible with active power factor correction (PFC) power supplies.
Featuring eight NEMA 5-15R outlets and a six-foot power cord with NEMA 5-15P input, the SMC1500T has an internal battery that provides 17.4 minutes of support at half load and 6.4 minutes at full load. Front-panel LEDs indicate load level, power, voltage correction, site wiring fault and battery statuses. Automatic voltage regulation (AVR) maintains selectable 100V, 110V or 120V nominal output over an input range of 83V–121V (100V), 87V–133V (110V) or 95V–145V (120V) without using battery power. EMI/RFI noise filtering improves your equipment's performance and prevents damage. A 570-joule surge suppression rating protects your equipment from harmful power surges. With Tripp Lite's free downloadable PowerAlert software, the SMC1500T enables safe unattended system shutdown and file saves in case of a prolonged power failure.

Features

Protects Mission-Critical Electronic Equipment

- Provides fully regulated pure sine wave AC output compatible with active PFC power supplies
- Audible alarm signals loss of utility power, overload and low battery
- 8 NEMA 5-15R outlets
- 6 ft. power cord with NEMA 5-15P input
- 570-joule surge suppression rating

Reliable Battery Backup

- Supports half load up to 17.4 min. and full load up to 6.4 min.
- Internal batteries designed for hot-swap field replacement
- 95% line-power efficiency rating saves money in energy costs

Highlights

- Corrects under- and overvoltages from 95V to 145V (120V)
- 8 NEMA 5-15R outlets
- Monitoring of power conditions via PowerAlert software
- Front-panel LEDs indicate load, power, voltage and battery statuses
- 17.4 min. runtime at half load; 6.4 min. at full load

Package Includes

- SMC1500T SmartPro 120V 1.5kVA 900W Line-Interactive Sine Wave UPS
- USB cable
- Owner's manual

Automatic Voltage Regulation (AVR)
- Maintains selectable nominal output without using battery power
- Corrects brownouts and overvoltages from 83V–121V (100V), 87V–133V (110V) or 95V–145V (120V)

EMI/RFI Line Noise Filtering
- Removes electromagnetic and radio frequency interference that can disrupt or damage equipment's performance

LED Indicators
- Front-panel LEDs indicate load level, power, voltage correction, site wiring fault and battery statuses

Communications Ports
- USB & Serial ports enable data-saving unattended shutdown when used with Tripp Lite's 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

Specifications

OVERVIEW	
UPC Code	037332188809
UPS Type	Line-Interactive
INPUT	
Input Phase	Single-Phase
Rated input current (Maximum Load)	10.1A (120V), 9.3A (110V), 8.6A (100V)
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
OUTPUT	
Output Capacity (VA)	1500
Output Capacity (kVA)	1.5
Output Capacity (Watts)	900
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 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.)	6.4 min. (900w)
Runtime Half Load (min.)	17.4 min. (450W)
Expandable Runtime	No
DC System Voltage (VDC)	36
Battery Recharge Rate (Included Batteries)	Less than 4.5 hours from 10% to 90% (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)
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	570

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
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.)	14.00 x 9.60 x 18.30
Shipping Dimensions (hwd / cm)	35.56 x 24.38 x 46.48
Shipping Weight (lbs.)	43.90
Shipping Weight (kg)	19.91
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
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	5 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
COMMUNICATIONS	
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 cabling included
WatchDog Compatibility	Supports Watchdog application, OS and hard-reboot restart options for remote applications.

Network UPS Tools (NUT) Compatibility	NUT compatible. See a full list of NUT compatible Tripp Lite UPS systems at https://networkupstools.org/stable-hcl.html?manufacturer=Tripp%20Lite
Network Management Card Description	Network management not supported
Communications Interface	DB9 Serial; USB (HID enabled)
LINE / BATTERY TRANSFER	
Transfer Time	4 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)
FEATURES & SPECIFICATIONS	
Cold Start (Startup in Battery Mode During a Power Failure)	Cold-start operation supported
High Availability UPS Features	Automatic Voltage Regulation (AVR); Hot swappable batteries; Sine wave output; Surge/noise protection
APPLICATIONS	
UPS Applications	Audio/Video; Large Network; High-End Desktop/Small Network
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

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