SmartPro 1500VA 900W 120V Line-Interactive Sine Wave UPS - 8 Outlets, LCD, USB, Tower

MODEL NUMBER: **SMART1500LCDT**











Provides complete battery backup and pure sine wave power output for your desktop computer, network workstation, audio/video components or media center.

Highlights

- Protects equipment against blackouts, brownouts, overvoltages, surges and line noise
- Keeps AC power running during blackouts to allow time for file saves and safe shutdown
- Maintains continuous 120V nominal output during brownouts and overvoltages
- ENERGY STAR-certified to save electricity, lower costs and protect the environment
- Front-panel LCD reports detailed voltage, runtime, load and battery information

Package Includes

- 1500VA 900W 120V Line-Interactive UPS
- USB cable
- Owner's manual

Description

The SMART1500LCDT SmartPro® LCD 120V 1500VA/900W Line-Interactive Uninterruptible Power Supply 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 your desktop computer or audio/visual components, this line-interactive UPS switches to battery backup mode in milliseconds to keep your connected equipment running long enough to save files and shut down safely with no data loss. While all ten NEMA 5-15R outlets protect against surges, five outlets also provide up to 90 minutes of UPS battery support for a basic desktop PC and LCD monitor and up to 10 minutes of support at half load (450W).

Automatic voltage regulation (AVR) corrects undervoltages as low as 92V and overvoltages as high as 150V without using any battery power. EMI/RFI noise filtering improves your equipment's performance and prevents damage. A 650-joule surge suppression rating protects your equipment from harmful power surges.

NEMA 5-15P plug with six-foot (1.8-meter) cord connects to any NEMA 5-15R socket. Large LCD screen shows real-time input voltage, overload, AVR, remaining battery runtime and battery statuses at a glance. Alarm sounds to indicate power loss or low battery. With PowerAlert® software (available via free download), SMART1500LCDT enables safe unattended system shutdown in case of a prolonged power failure.

Features

Reliable Battery Backup Provides 1500VA/900W high-performance power protection for desktop computers, audio/video components, media centers and other electronicsSupports basic desktop computer and LCD monitor up to 90 minutes during power outageSupports 50% load (450W) up to 10 minutesAudible alarm indicates loss of utility power or low battery

Optimized Outlets5 NEMA 5-15R outlets deliver battery backup for devices that require constant powerAll 10 outlets protect against surges or spikes that can harm equipment or dataNEMA 5-15P plug with 6-ft. (1.83 m) cord connects to any NEMA 5-15R socket

Automatic Voltage Regulation (AVR) Corrects undervoltages as low as 92V and overvoltages as high as 150V without drawing battery backup power

LCD Status Screen Large LCD screen shows real-time input voltage, overload, AVR and battery statusesAutomatically displays remaining battery runtime in minutes during power outage

AC Line, Tel/DSL and Ethernet Surge Suppression Surge suppression rating of 650 joules protects connected equipment and data from harmful power surgesTel/DSL RJ11 jacks protect standard dial-up/DSL/Ethernet phone connectionCoaxial jacks protect CATV, broadband cable internet, satellite or broadcast antenna connection

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

USB Communication Port and Free PowerAlert SoftwareHID-compliant USB port integrates with built-in power management and auto-shutdown of Windows and macOSUSB port enables data-saving unattended shutdown when used with PowerAlert software, available via FREE download from tripplite.eaton.com/products/power-alert

Specifications

OVERVIEW	
UPC Code	037332174109
UPS Type	Line-Interactive
INPUT	
Input Phase	Single-Phase
Rated input current (Maximum Load)	12A
Nominal Input Voltage(s) Supported	120V AC
UPS Input Connection Type	5-15P
Input Circuit Breakers	20A
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
Output Capacity (kW)	0.9
Nominal Voltage Details	120v nominal output in battery mode
Frequency Compatibility	50 / 60 Hz
Frequency Compatibility Details	Automatic frequency selection
Output Voltage Regulation (Line Mode)	120V (+9% / -12%)
Output Voltage Regulation (Battery Mode)	120V (±10%)
UPS Output Receptacles (Surge Suppression Only)	5 UPS outlets, 5 surge-only outlets

Output AC Waveform (AC Mode)	Sine wave
Output AC Waveform (Battery Mode)	PWM sine wave
Nominal Output Voltage(s) Supported	110V; 115V; 120V
Output Receptacles	(10) 5-15R
Individually Controllable Load Banks	No
BATTERY	
Battery Type	Valve Regulated Lead Acid (VRLA)
Runtime Full Load (min.)	2.3 min. (900W)
Runtime Half Load (min.)	10 min. (450W)
Expandable Runtime	No
DC System Voltage (VDC)	24
Battery Recharge Rate (Included Batteries)	Less than 8 hours from 10% to 90%
Internal UPS Replacement Battery Cartridge	RBC51 (requires 2)
VOLTAGE REGULATION	
Voltage Regulation Description	Automatic voltage regulation (AVR) maintains line power operation with an input voltage range of 92 to 150
Overvoltage Correction	Input voltages between 129 and 147 are reduced by 15%
Undervoltage Correction	Input voltages between 92 and 108 are boosted by 18%
USER INTERFACE, ALERTS & CONTROLS	
Front Panel LCD Display	LCD screen with scroll buttons indicates Input voltage, Output voltage, Frequency (Hz), AVR boost / cut status, Output load in watts, Output load percentage, Battery voltage and Estimated runtime in minutes
Switches	Power switch offers whole UPS power control; Scroll/mute button enables LCD selection options and silences audible alarm; Test button initiates self test
Alarm Cancel Operation	Power-fail alarm can be silenced using alarm-cancel switch
Audible Alarm	Audible alarm indicates power-failure and low-battery conditions
SURGE / NOISE SUPPRESSION	
UPS AC Suppression Joule Rating	650
UPS AC Suppression Response Time	Instantaneous
UPS Dataline Suppression	1 line TEL/DSL (1 in / 1 out); 10/100Base T Ethernet; Coax jacks (1 set)
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)	391
Primary UPS Height (mm)	203
Primary UPS Width (mm)	146
Shipping Dimensions (hwd / in.)	11.10 x 9.00 x 19.30
Shipping Weight (lbs.)	28.00
Shipping Weight (kg)	12.70
UPS Power Module Dimensions (hwd, cm)	20.32 x 14.60 x 39.12
UPS Power Module Dimensions (hwd, in.)	8 x 5.75 x 15.4
UPS Power Module Weight (kg)	12.25
UPS Power Module Weight (lbs.)	27
Unit Dimensions (hwd / in.)	8.000 x 5.750 x 15.600
Unit Weight (lbs.)	25.3300
Unit Weight (kg)	11.49
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)	119
AC Mode Efficiency Rating (100% Load)	95%
Battery Mode Heat Dissipation (BTU/Hr) @ Full Load	867
Audible Noise	Less than 36 dB, front side 1m
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 USB port, download PowerAlert software at https://tripplite.eaton.com/products/power-alert
Communications Cable	USB and cabling included
WatchDog Compatibility	Supports Watchdog application, OS and hard-reboot restart options for remote applications
Network Management Card Description	Network management not supported
Communications Interface	USB (HID enabled)
LINE / BATTERY TRANSFER	
Transfer Time	2 milliseconds (AC to battery mode), 6 milliseconds (battery to AC mode)

Low Voltage Transfer to Battery Power (Setpoint)	92
High Voltage Transfer to Battery Power (Setpoint)	150
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; Surge/noise protection
Green Energy-Saving Features	Greater than 95% efficiency - GREEN UPS
APPLICATIONS	
UPS Applications	Home/Office Desktop; Audio/Video; 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 (U.S. & Canada)	3-year limited warranty
Product Warranty Period (International)	2-year limited warranty
Product Warranty Period (Mexico)	3-year limited warranty
Product Warranty Period (Puerto Rico)	3-year limited warranty
Connected Equipment Insurance (U.S., Canada & Puerto Rico)	$250,000 Ultimate Lifetime Insurance

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