SmartPro LCD 120V 1000VA 500W Line-Interactive UPS, AVR, Tower, USB, TEL/DSL/Coax Protection, 8 Outlets, TAA

MODEL NUMBER: **SMART1000LCD**







Provides reliable 1000VA/500W power protection for your desktop computer, network workstation, audio/video components or media center. Protects against surges, line noise, blackouts and brownouts.

Highlights

- Supports a basic desktop PC up to 60 min. during power outage
- Features 8 protected outlets—4 battery-protected, 4 surge-only
- Offers automatic voltage regulation (AVR)
- LCD screen reports real-time UPS and power status
- Plugs into any NEMA 5-15R socket

Package Includes

- SMART1000LCD SmartPro LCD 120V 1000VA/500W Line-Interactive UPS
- USB cable
- Telephone cord
- Owner’s Manual

Description

The SMART1000LCD SmartPro® LCD 120V 1000VA/500W 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 eight NEMA 5-15R outlets protect against surges, four outlets also provide up to three hours of UPS battery support for a DVR component, 60 minutes of support for a basic desktop PC and LCD monitor, and 10 minutes of support at half load (250W).
Automatic voltage regulation (AVR) corrects undervoltages as low as 89V without using any battery power. EMI/RFI noise filtering improves your equipment's performance and prevents damage. A 1038-joule surge suppression rating protects your equipment from harmful power surges.
Space-saving NEMA 5-15P plug with six-foot (1.8 meters) cord connects to any NEMA 5-15R socket and allows furniture to be placed flush against the wall. Large rotatable LCD screen with dimmer shows real-time input voltage, overload, AVR and battery statuses at a glance. With free PowerAlert® software (available via free web download), the SMART1000LCD enables safe unattended system shutdown in case of a prolonged power failure.

Features

Reliable Battery Backup

- Provides 1000VA/500W high-performance power protection for desktop computers, audio/video components, media centers and other electronics
- Supports basic desktop computer and LCD monitor up to 60 minutes or single DVR components up to 3 hours during power outage
- Supports 50% load (250W) up to 10 minutes and full load (500W) up to 3 minutes
- 97% full-load efficiency rating saves money in energy costs
- Audible alarm indicates loss of utility power or low battery

Optimized Outlets

- 4 NEMA 5-15R outlets deliver battery backup for devices that require constant power
- All 8 outlets protect against surges or spikes that can harm equipment or data

Automatic Voltage Regulation (AVR)
- Corrects undervoltages as low as 89V with a 14% boost without drawing battery backup power

Rotatable LCD Status Screen
- Large LCD screen shows real-time input voltage, overload, AVR and battery statuses
- Rotates for easy viewing in both horizontal and vertical installations
- Dimmer switch controls brightness level

AC Line, Coaxial and Tel/DSL Surge Suppression
- Surge suppression rating of 1038 joules protects connected equipment and data from harmful power surges
- Tel/DSL RJ11 jacks and included cord protect standard dialup/DSL phone connection
- 2.2 Hz coaxial jacks protect CATV, broadband cable internet, satellite or broadcast antenna connections

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 Software
- HID-compliant USB port integrates with built-in power management and auto-shutdown of Windows and macOS
- Works with PowerAlert software available as free web download from tripplite.eaton.com/products/power-alert, to enable safe, unattended system shutdown and file saves during prolonged power failure

Flexible Installation Options
- Space-saving NEMA 5-15P right-angle plug with 6-ft. (1.83 m) cord connects to any NEMA 5-15R socket
- Adapts to vertical or horizontal installation without special hardware

Specifications

OVERVIEW	
UPC Code	037332124999
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; Right-Angled
UPS Input Cord Length (ft.)	6
UPS Input Cord Length (m)	1.8

Recommended Electrical Service	15A 120V
Maximum Input Amps	12
OUTPUT	
Output Capacity (VA)	1000
Output Capacity (kVA)	1
Output Capacity (Watts)	500
Output Capacity (kW)	0.5
Nominal Voltage Details	115v nominal output in battery mode
Frequency Compatibility	60 Hz
Output Voltage Regulation (Battery Mode)	+/- 5%
UPS Output Receptacles (Surge Suppression Only)	4 UPS outlets, 4 surge-only outlets
Hot-Swap PDU options	PDUB15 (2U / 8 5-15R 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	(8) 5-15R
Individually Controllable Load Banks	No
BATTERY	
Battery Type	Valve Regulated Lead Acid (VRLA)
Runtime Full Load (min.)	3 min. (500W)
Runtime Half Load (min.)	10 min. (250W)
Expandable Runtime	No
DC System Voltage (VDC)	12
Battery Recharge Rate (Included Batteries)	Less than 16 hours from 10% to 90%
Battery Access	Battery access door
Internal UPS Replacement Battery Cartridge	RBC51
Battery Replacement Description	Hot-swappable, user replaceable batteries
VOLTAGE REGULATION	
Voltage Regulation Description	Automatic voltage regulation (AVR) maintains line power operation with input voltage as low as 89
Undervoltage Correction	Input voltages between 89 and 104 are boosted by 14%
USER INTERFACE, ALERTS & CONTROLS	

Front Panel LCD Display	Backlighted LCD screen indicates input voltage, 5-bar battery charge level, overload, AVR, on battery and replace battery status; LCD screen rotates for rack/tower viewing
Switches	2 Switches control off/on power status and alarm-cancel/self-test operation; dimmer switch controls LCD brightness
Alarm Cancel Operation	Power-fail alarm can be silenced using alarm-cancel switch; once silenced, alarm will re-sound to indicate low-battery status
Audible Alarm	Audible alarm indicates power-failure and low-battery status; alarm can be disabled using PowerAlert software
LED Indicators	Front panel LCD display
SURGE / NOISE SUPPRESSION	
UPS Dataline Suppression	1 line TEL/DSL (1 in / 1 out); Coax jacks (1 set)
EMI / RFI AC Noise Suppression	Yes
AC Suppression Joule Rating	1038
AC Suppression Response Time	Instantaneous
PHYSICAL	
Primary Form Factor	Tower
Installation Form Factors Supported with Included Accessories	Tower; Ultra-compact desktop
Primary UPS Depth (mm)	184
Primary UPS Height (mm)	301
Primary UPS Width (mm)	93
Shipping Dimensions (hwd / in.)	15.40 x 4.80 x 10.60
Shipping Dimensions (hwd / cm)	39.12 x 12.19 x 26.92
Shipping Weight (lbs.)	16.70
Shipping Weight (kg)	7.57
UPS Housing Material	ABS
UPS Power Module Dimensions (hwd, cm)	30.07 x 9.30 x 18.39
UPS Power Module Dimensions (hwd, in.)	11.84 x 3.66 x 7.24
UPS Power Module Weight (kg)	7.05
UPS Power Module Weight (lbs.)	15.55
Unit Weight (lbs.)	14.9000
Unit Weight (kg)	6.76
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	0-95% non-condensing
AC Mode BTU / Hr. (Full Load)	61

AC Mode Efficiency Rating (100% Load)	97%
Battery Mode Heat Dissipation (BTU/Hr) @ Full Load	510
COMMUNICATIONS	
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 cable 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	USB (HID enabled)
LINE / BATTERY TRANSFER	
Transfer Time	3 milliseconds
Low Voltage Transfer to Battery Power (Setpoint)	89
High Voltage Transfer to Battery Power (Setpoint)	139
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 B (USA); Trade Agreements Act (TAA)
WARRANTY & SUPPORT	
Product Warranty Period (U.S. & Canada)	3-year limited warranty
Product Warranty Period (Latin America)	3-year limited warranty
Product Warranty Period (International)	2-year limited warranty
Product Warranty Period (Mexico)	3-year limited 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

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