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

MODEL NUMBER: **SMART1000LCDU**







Provides safe, reliable power for your home theater components and desktop computer system. Protects against damage and data loss due to blackouts, brownouts, power surges and line noise.

Highlights

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

Package Includes

- SMART1000LCDU SmartPro LCD 120V 1000VA 500W Line-Interactive Desktop UPS
- USB cable
- Telephone cable
- Owner's manual

Description

The SMART1000LCDU SmartPro LCD 120V 1000VA 500W Line-Interactive Desktop 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 your home theater components and desktop computer system, the SMART1000LCDU 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, 10 minutes of support at half load (250W) and three minutes of support at full load (500W). This highly efficient UPS helps you save money and energy.
Automatic voltage regulation (AVR) maintains 120V nominal output over an input range of 89V to 139V without using 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. With Tripp Lite's free PowerAlert® software (available via web download), the SMART1000LCDU enables safe unattended system shutdown and file saves in case of a prolonged power failure.

Features

Reliable Battery Backup Provides 1000VA/500W power protection for home theater components and desktop computer systemSupports basic desktop computer and LCD monitor up to 60 min. or single DVR components up to 3 hr. during power outageSupports 50% load (250W) up to 10 min. and full load (500W) up to 3 min.98% full-load efficiency rating saves money in energy costsAudible alarm indicates loss of utility power or low battery

Protected Outlets4 NEMA 5-15R outlets deliver battery backup for devices that require constant powerAll 8 outlets protect against surges or spikes that can harm equipment or data

Automatic Voltage Regulation (AVR) Maintains 120V nominal output over input range of 89V–139V without using battery power

Rotatable LCD Status Screen Large LCD screen shows real-time input voltage, overload, AVR and battery statusesRotates for easy viewing in both horizontal and vertical installations

AC Line, Coaxial and Tel/DSL Surge Suppression1038-joule surge suppression rating protects

connected equipment and data from harmful power surgesTel/DSL RJ11 jacks (with included cable) protect standard dialup/DSL connection2.2 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 equipment's performance

USB PortsHID-compliant USB port (when used with free PowerAlert software) enables safe unattended system shutdown and file saves in the event of a prolonged power failureFront-panel USB port delivers 2.1A for fast charging of smartphones and tablets

Flexible Installation Options Space-saving NEMA 5-15P right-angle plug with 6 ft. cordAdapts to vertical or horizontal installation without special hardware

Specifications

OVERVIEW	
UPC Code	037332189899
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
OUTPUT	
Output Capacity (VA)	1000
Output Capacity (kVA)	1
Output Capacity (Watts)	500
Nominal Voltage Details	115v nominal output in battery mode
Frequency Compatibility	60 Hz
Output Voltage Regulation (Battery Mode)	115V (+/- 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 20 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
SURGE / NOISE SUPPRESSION	
UPS AC Suppression Joule Rating	1038
UPS AC Suppression Response Time	Instantaneous
UPS Dataline Suppression	1 line TEL/DSL (1 in / 1 out); Coax jacks (1 set)
EMI / RFI AC Noise Suppression	Yes
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.)	4.80 x 10.40 x 15.60
Shipping Dimensions (hwd / cm)	12.19 x 26.42 x 39.62
Shipping Weight (lbs.)	16.00
Shipping Weight (kg)	7.26
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
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)	31
AC Mode Efficiency Rating (100% Load)	98%
Battery Mode Heat Dissipation (BTU/Hr) @ Full Load	482
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
STANDARDS & COMPLIANCE	
Product Certifications	CSA (Canada); NOM (Mexico); UL 1778
Product Compliance	RoHS; FCC Part 15 Class B (USA)
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

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