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

MODEL NUMBER: **SMART1000LCDU**

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
- Meets strict ENERGY STAR efficiency guidelines

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). ENERGY STAR certification helps you save money and energy and protect the environment by meeting strict efficiency guidelines set by the U.S. Environmental Protection Agency.

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 system
- Supports basic desktop computer and LCD monitor up to 60 min. or single DVR components up to 3 hr. during power outage
- Supports 50% load (250W) up to 10 min. and full load (500W) up to 3 min.
- 98% full-load efficiency rating saves money in energy costs
- Audible alarm indicates loss of utility power or low battery

Protected 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)

- 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 statuses
- Rotates for easy viewing in both horizontal and vertical installations

AC Line, Coaxial and Tel/DSL Surge Suppression

- 1038-joule surge suppression rating protects connected equipment and data from harmful power surges
- Tel/DSL RJ11 jacks (with included cable) protect standard dialup/DSL 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 equipment's performance

USB Ports

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

ENERGY STAR Certification

- Saves you money, saves energy and protects the environment by meeting strict EPA efficiency guidelines

Flexible Installation Options

- Space-saving NEMA 5-15P right-angle plug with 6 ft. cord
- Adapts to vertical or horizontal installation without special hardware

Specifications

OUTPUT	
Output Volt Amp Capacity (VA)	1000
Output Watt Capacity (Watts)	500
Nominal Output Voltage(s) Supported	115V; 120V
Frequency Compatibility	60 Hz
Output Voltage Regulation (Battery Mode)	115V (+/- 5%)
Output Receptacles	(8) 5-15R
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

INPUT

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
Input Phase	Single-Phase

BATTERY

Full Load Runtime (min.)	3 min. (500w)
Half Load Runtime (min.)	10 min. (250w)
DC System Voltage (VDC)	12
Battery Recharge Rate (Included Batteries)	Less than 20 hours from 10% to 90%
Internal UPS Replacement Battery Cartridge	RBC51
Battery Access	Battery access door
Battery Replacement Description	Hot-swappable, user replaceable batteries
Expandable Runtime	No

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

Installation Form Factors Supported with Included Accessories	Tower
Primary Form Factor	Tower
UPS Power Module Dimensions (hwd, in.)	11.84 x 3.66 x 7.24
UPS Power Module Dimensions (hwd, cm)	30.1 x 9.3 x 18.4
UPS Power Module Weight (lbs.)	15.55
UPS Power Module Weight (kg)	7.05
UPS Shipping Dimensions (hwd / in.)	10.43 x 15.55 x 4.8
UPS Shipping Dimensions (hwd / cm)	26.5 x 39.5 x 12.2
Shipping Weight (lbs.)	16.2
Shipping Weight (kg)	7.4
UPS Housing Material	ABS
Primary UPS Height (mm)	301
Primary UPS Width (mm)	93
Primary UPS Depth (mm)	184
Shipping Height (mm)	265
Shipping Width (mm)	395
Shipping Depth (mm)	122

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
Battery Mode BTU / Hr. (Full Load)	482
AC Mode Efficiency Rating (100% Load)	98%

COMMUNICATIONS

Communications Interface	USB (HID enabled)
PowerAlert Software	For local monitoring via the UPS's built-in USB port, download PowerAlert Local software at http://www.tripplite.com/poweralert
Communications Cable	USB cable included
WatchDog Compatibility	Supports Watchdog application, OS and hard-reboot restart options for remote applications
Network UPS Tools Compatibility	NUT compatible. See the full list of Tripp Lite NUT compatible UPS systems at http://www.networkupstools.org/stable-hcl.html?manufacturer=Tripp Lite

LINE / BATTERY TRANSFER	
Transfer Time	3 milliseconds
Low Voltage Transfer to Battery Power (Setpoint)	89
High Voltage Transfer to Battery Power (Setpoint)	139

SPECIAL FEATURES	
Cold Start (Startup in Battery Mode During a Power Failure)	Cold-start operation supported
Green Energy-Saving Features	Greater than 95% efficiency - GREEN UPS

CERTIFICATIONS	
UPS Certifications	ENERGY STAR Qualified; Meets FCC Part 15 Category B (EMI); Tested to CSA (Canada); Tested to NOM (Mexico); Tested to UL1778 (USA)

WARRANTY	
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