1000VA 600W 120V Pure Sine Wave Gaming UPS Battery Backup - LCD, AVR, RGB LEDs, USB Charging, Power Saving

MODEL NUMBER: **SMART1000PSGLCD**







Purpose-built for gaming, this pure sine wave UPS protects your PC, gaming console and other equipment from power interference, including game-endangering blackouts.

Highlights

- Protects your gaming equipment against blackouts, brownouts and surges
- Keeps power running during outages to allow time for game saves and safe shutdown
- Maintains continuous 120V nominal output during low- and high-voltage conditions
- USB charging ports keep your smartphone, tablet and other devices at capacity
- Programmable RGB LED banks offer more than 16 million color combinations

Package Includes

- SMART1000PSGLCD Pure Sine Wave Gaming UPS Battery Backup
- USB cable
- Owner's manual

Features

Purpose-Built Gaming UPS Protects Your Equipment and Provides Pure Sine Wave Output
This 120V line-interactive UPS provides pure sine wave output in both AC and battery backup modes to keep your gaming PC or gaming console reliably powered. It also protects connected equipment against blackouts, brownouts, surges and line noise that can damage valuable electronics or destroy data. The SMART1000PSGLCD is ideal protection for high-end gaming systems powered by Active PFC power supplies, as well as routers, modems and other network equipment in your computer room, game room or home theater.

Reliable Battery Backup Keeps You Playing Through Power Outages
The field-replaceable, hot-swappable internal battery keeps your gaming rig fully operational without interruption during power failures and other severe power conditions. With a typical 250W gaming system connected, the SMART1000PSGLCD provides 9 minutes of independent runtime. This allows you to play through short power failures, avoid streaming interruptions and safely save your game and shut down your system in case of a prolonged blackout.

8 NEMA 5-15R Outlets Protect Your Connected Components and Monitor Load Conditions
Three 5-15R energy-saving outlets provide battery backup and network-grade surge protection for your gaming rig and connected desktop and network components. Four outlets are surge-only to connect peripherals not requiring battery backup, such as a printer or desk lamp. One battery- and surge-supported master outlet controls the energy-saving outlets and reports the wattage drawn by the PC or other connected device. If the device connected to the master outlet shuts down or enters standby, the three energy-saving outlets also turn off.

Dynamic Lighting Adds Excitement to Your Gaming Experience
The SMART1000PSGLCD is purpose-built for gaming, including RGB color LEDs you can program yourself. Controllable via the detachable front-panel LCD or free downloadable software utility (https://tripplite.eaton.com/products/management-utilities), two separate LED banks come with seven preset lighting modes and 16.7 million possible color combinations. You can program a variety of color and motion effects or configure the lights to respond to power consumption changes on the master outlet.

Detachable Wireless LCD Reports Real-Time Status
The front-panel LCD displays a wide range of UPS and power conditions, including operating mode,

voltage, frequency, battery level and load level. It detaches from the UPS system and operates wirelessly up to 20 feet (6 meters) away for as many as 12 hours. .

Automatic Voltage Regulation (AVR) Corrects Low- and High-Voltage Conditions
AVR protects your equipment from incremental hardware damage, data loss and performance problems caused by brownouts. The SMART1000PSGLCD maintains regulated 120V nominal output during brownouts as low as 97V and overvoltages up to 145V, while keeping the battery fully charged and ready to take over in case of power failure.

Premium Protection from EMI/RFI Line Noise Helps Your Equipment Perform Better
This UPS system filters out disruptive electromagnetic and radio frequency interference that can inflict hardware damage or data loss. This EMI/RFI filtering also helps your connected components perform better and last longer.

Can Safely Shut Down Automatically Even When You Aren't Around
By downloading and installing free PowerAlert® software on your computer and connecting it to the UPS system with the included USB cable, you can set up safe unattended shutdown in the event of a prolonged power failure when you aren't around. ***Note****: Installing PowerAlert provides enhanced functionality, but is not required*.

Built-In USB Charging Ports Keep Your Mobile Devices at Full Capacity
Two front-panel USB ports, one USB-A and one USB-C, share 3A of maximum current for charging your smartphone, tablet and other mobile devices. These USB charging ports are available for use when the UPS system is turned on and receiving AC power.

Specifications

OVERVIEW	
UPC Code	037332253750
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	15A
UPS Input Cord Length (ft.)	5
UPS Input Cord Length (m)	1.5
Recommended Electrical Service	15A 120V
OUTPUT	
Output Capacity (VA)	1000
Output Capacity (kVA)	1
Output Capacity (Watts)	600
Output Capacity (kW)	0.6

Frequency Compatibility	50 / 60 Hz
Frequency Compatibility Details	Automatic frequency selection
Output Voltage Regulation (Line Mode)	120V (±10%)
Output Voltage Regulation (Battery Mode)	120V (±10%)
UPS Output Receptacles (Surge Suppression Only)	4 UPS outlets, 4 surge-only outlets
Output AC Waveform (AC Mode)	Pure Sine wave
Output AC Waveform (Battery Mode)	Pure Sine wave
Nominal Output Voltage(s) Supported	120V
Output Receptacles	(8) 5-15R
Individually Controllable Load Banks	No
BATTERY	
Battery Type	Valve Regulated Lead Acid (VRLA)
Runtime Full Load (min.)	2 min. (600W)
Runtime Half Load (min.)	7 min. (300W)
Expandable Runtime	No
DC System Voltage (VDC)	24
Battery Recharge Rate (Included Batteries)	7 hours from 10% to 90%
VOLTAGE REGULATION	
Voltage Regulation Description	Automatic voltage regulation (AVR) maintains line power operation during brownouts as low as 97V and overvoltages up to 145V
Overvoltage Correction	Input voltages between 132 and 145 are reduced by 10.3%
Undervoltage Correction	Input voltages between 97 and 108 are boosted by 11.5%
USER INTERFACE, ALERTS & CONTROLS	
Front Panel LCD Display	LCD screen offers detailed UPS status information, configuration options and error message reporting; STATUS INFORMATION Input voltage, Input frequency, Battery voltage, Battery capacity, Estimated runtime, Output voltage, Output frequency, Output watts, Output load %, Master outlet power consumption (watts), Detachable LCD module battery voltage and Firmware revision; CONFIGURATION OPTIONS Eco-mode off/on, alarm disable and LED lighting configurations; ERROR MESSAGES Replace battery, overload and critical fault (see manual for complete listing)
Switches	Off/On button; Mute button; Up/Down button
Alarm Cancel Operation	Alarm mute operation supported
Audible Alarm	Audible alarm indicates Battery Mode Full Charge (sounds every 10 seconds), Battery Mode Low Charge (Sounds every 1 second), Replace Battery (Sounds every 2 seconds), Fault (Sounds continuously)
SURGE / NOISE SUPPRESSION	
UPS AC Suppression Joule Rating	316

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)	308
Primary UPS Height (mm)	280
Primary UPS Width (mm)	99
Shipping Dimensions (hwd / in.)	14.80 x 7.28 x 14.76
Shipping Weight (kg)	10.21
UPS Housing Material	ABS
UPS Power Module Dimensions (hwd, in.)	11.024 x 3.898 x 12.126
UPS Power Module Weight (kg)	8.98
UPS Power Module Weight (lbs.)	19.8
Unit Dimensions (hwd / in.)	11.024 x 3.898 x 12.126
Unit Weight (lbs.)	18.610
Unit Weight (kg)	8.44
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	Up to 90%, non-condensing
AC Mode BTU / Hr. (Full Load)	98
AC Mode Efficiency Rating (100% Load)	>96%
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 cable included
WatchDog Compatibility	Supports Watchdog application, OS and hard-reboot restart options for remote applications
Communications Interface	USB (HID enabled)

LINE / BATTERY TRANSFER	
Transfer Time	6ms typical, 10ms max
Low Voltage Transfer to Battery Power (Setpoint)	97V
High Voltage Transfer to Battery Power (Setpoint)	145V
FEATURES & SPECIFICATIONS	
Cold Start (Startup in Battery Mode During a Power Failure)	Yes
High Availability UPS Features	Automatic Voltage Regulation (AVR); Surge/noise protection
Green Energy-Saving Features	Greater than 95% efficiency - GREEN UPS; Power saving auto-shutoff ECO outlets
APPLICATIONS	
UPS Applications	Home/Office Desktop; High-End Desktop/Small Network; Audio/Video; Computer Gaming; Retail/Point of Sale; Hospitality
STANDARDS & COMPLIANCE	
Product Certifications	RETIE (Colombia); CSA (Canada); NOM (Mexico); UL 1778
Product Compliance	FCC Part 15 Class B (USA)
WARRANTY & SUPPORT	
Product Warranty Period (Worldwide)	Not applicable
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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