

600VA 360W 120V Pure Sine Wave Gaming UPS Battery Backup - LCD, AVR, RGB LEDs, USB Charging, Power Saving

MODEL NUMBER: **SMART600PSGLCD**



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

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 SMART600PSGLCD 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 SMART600PSGLCD provides 7.5 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 SMART600PSGLCD is purpose-built for gaming, including RGB color LEDs you can program yourself. Controllable via the detachable front-panel LCD or Tripp Lite's free downloadable software utility (<https://www.tripplite.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

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

- SMART600PSGLCD Pure Sine Wave Gaming UPS Battery Backup
- USB cable
- Owner's manual

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 SMART600PSGLCD 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 Tripp Lite's 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 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 | 037332253743 |
| UPS Type | Line-Interactive |
| INPUT | |
| 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 |
| Input Phase | Single-Phase |
| OUTPUT | |
| Output Capacity (VA) | 600 |
| Output Capacity (kVA) | 0.6 |
| Output Capacity (Watts) | 360 |

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| Nominal Voltage Details | 120V nominal output during low- and high-voltage conditions |
| 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.) | 2.5 |
| Runtime Half Load (min.) | 9 |
| 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) |

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| LED Indicators | Front panel LCD display |
| 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) | 419 |
| Primary UPS Height (mm) | 280 |
| Primary UPS Width (mm) | 99 |
| Shipping Dimensions (hwd / in.) | 14.80 x 7.28 x 14.76 |
| Shipping Dimensions (hwd / cm) | 37.59 x 18.49 x 37.49 |
| Shipping Weight (kg) | 7.94 |
| UPS Housing Material | ABS |
| UPS Power Module Dimensions (hwd, in.) | 11.024 x 3.898 x 16.500 |
| UPS Power Module Weight (kg) | 7.48 |
| UPS Power Module Weight (lbs.) | 16.5 |
| Unit Dimensions (hwd / in.) | 11.024 x 3.898 x 12.126 |
| 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 | 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 Local software at https://www.tripplite.com/poweralert |

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| 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 |
| 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 (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 |