



1500VA GAMING UPS

PS-PGU1500VA#2B9A

USER MANUAL



INSTALLATION & OPERATION

① Package Contents

Before installation, please read and understand the following items are inside the box:

- UPS unit
- User manual
- Communication cable
- Software for UPS

② Connect to Utility Power

Connect AC power cord to utility power. Then, the UPS will start to charge inside battery. For best result, charge the battery for 24 hours prior to initial use.

③ Plug in Equipment

Plug your equipment to Battery Backup Outlets on the rear panel of the UPS.

NOTE: Make sure that the UPS is powered on to protect all important devices from data loss during power failure.

CAUTION: NEVER connect a laser printer or scanner to the battery backup outlets of UPS. This way cause the damage of the unit.

④ Connect Communication Cable

To allow for unattended UPS shutdown/start-up and status monitoring, connect the communication cable one end to the USB port and the other to the communication port of your PC. With the monitoring software installed, you can schedule UPS shutdown/start-up and monitor UPS status through PC.

⑤ Turn On/Off the UPS

Turn on the UPS unit by pressing the power switch. Then, the LCD will display UPS status. Turn off the UPS unit by pressing again the power switch. Then, LCD display will shut off.

⑥ Turn On/Off the LCD screen

When the UPS in AC mode. Press on the power switch once, the LCD screen will shut off. Press on the power switch once again, the LCD screen will be on.

⑦ Mute function

In battery mode, press on the power switch once, the buzzer will be off. But when the UPS is low battery or overloaded, the buzzer will be on to remind the UPS will be shut down immediately.

⑧ **RGB Lights.**

All RGB lights will be lighting when the UPS in AC mode. The RGB light on above will be lighting when the UPS in battery mode. Press on the power switch twice, the RGB lights will be off. Press on the power switch twice again, the RGB lights will be on.

PLACEMENT & STORAGE

① **Placement**

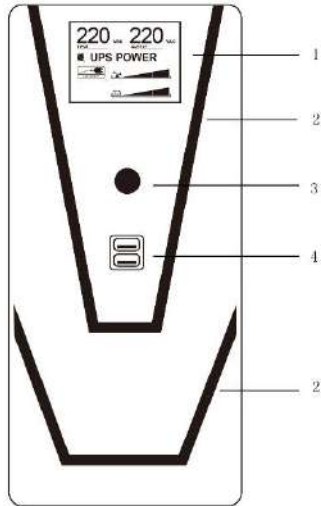
Install the UPS in a protected area that is free of excessive dust and has adequate air flow. Place the UPS away from other units at least 20 cm to avoid interference. For best performance, keep the indoor temperature between 0° C and 40° C.

② **Storage**

All connected equipment should be turned off, then disconnect from the UPS to avoid battery drain. Unplug the UPS from the wall outlet. Then turn off the UPS for storage. Store the UPS unit covered and upright in environments where the ambient temperature is -20° C to 50° C with its battery fully charged.

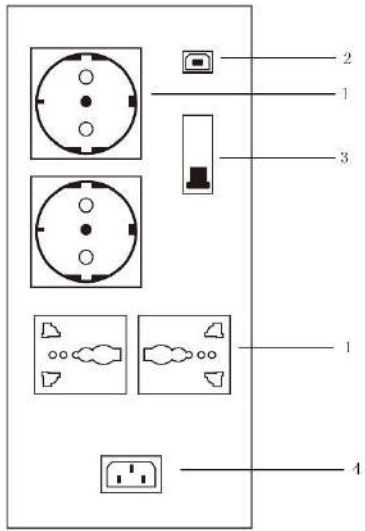
PRODUCT OVERVIEW

FRONT PANEL



- 1) LCD display
- 2) RGB lights
- 3) Power switch
- 4) 5V USB port


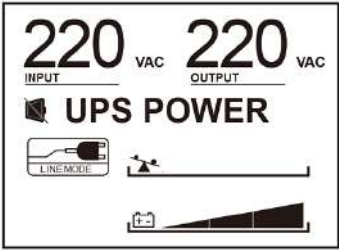
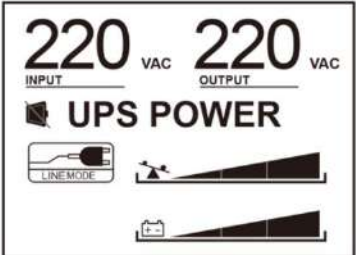
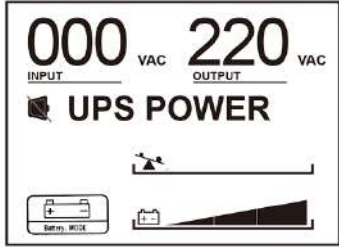
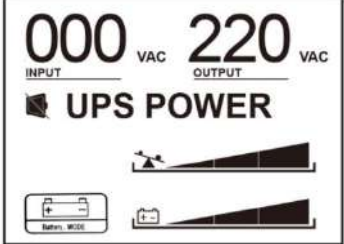
REAR PANEL



- 1) Output socket
- 2) USB port
- 3) Circuit breaker
- 4) AC input

LCD DISPLAY

Operation Display

UPS Mode	LCD	Description
UPS Power on		UPS is powered on.
AC Mode		<p>LCD information will be displayed in the following order when LCD is touched.</p> <ol style="list-style-type: none"> 1) Output voltage 2) Input voltage 3) Load level 4) Battery capacity
Overload in AC mode		When overload occurs, alarm will beep every 0.5 second.
Battery Mode		<p>Alarm will beep every 10 seconds and LCD information will be displayed in the following order when LCD is touched.</p> <ol style="list-style-type: none"> 1) Output voltage 2) Input voltage 3) Load level 4) Battery capacity
Overload in Battery mode		When overload occurs, alarm will beep every 0.5 second.

SAFETY CAUTION

SAVE THESE INSTRUCTION-This manual contains important instructions that should be followed during installation and maintenance of the UPS and batteries.

- 1) This UPS utilizes voltage that may be hazardous. Do not attempt to disassemble the unit. The unit contains no user replaceable parts. Only factory service personnel may perform repairs.
- 2) This pluggable type a equipment with battery already installed by the supplier is operator installable and may be operated by laymen.
- 3) The mains socket outlet that supplies the UPS shall be installed near the UPS and shall be easily accessible.
- 4) During the installation of this equipment it should be assured that the sum of the leakage currents of the UPS and the connected loads does not exceed 3.5mA.
- 5) Connection to any other type of receptacle other than a two-pole, three-wire grounded receptacle may result in shock hazard as well as violate local electrical codes.
- 6) In the event of an emergency, press the "OFF" button and disconnect the power cord from the AC power supply to properly disable the UPS.
- 7) Do not allow any liquids or any foreign object to enter the UPS. Do not place beverages or any other liquid-containing vessels on or near the unit.
- 8) This unit intended for installation in a controlled environment (temperature controlled, indoor area free of conductive contaminants). Avoid installing the UPS in locations where there is standing or running water, or excessive humidity.
- 9) Do not plug the UPS input into its own output.
- 10) Do not attach a power strip or surge suppressor to the UPS.

Do not attach non-computer-related items, such as medical equipment, life-support equipment, microwave ovens, or vacuum cleaners to UPS.
- 11) Do not dispose of batteries in a fire as they may explode.
- 12) A battery can present a risk of electrical shock and high short circuit current. The following precautions should be observed when working on batteries:
 - ① Remove watches, rings, or other metal objects from the hands.
 - ② Use tools with insulated handles.
 - ③ Wear rubber gloves and boots.
 - ④ Do not lay tools or metal parts on top of batteries.
 - ⑤ Disconnect charging source prior to connecting or disconnecting batteries terminal.

13) Servicing of batteries should be performed or supervised by personnel knowledgeable of batteries and the required precautions. Keep unauthorized personnel away from batteries.

14) When replacing batteries, replace with the same number and type of sealed lead-acid battery.

15) Do not open or mutilate the battery or batteries. Release electrolyte is harmful to the skin and eyes. It may be toxic.

16) Attention, hazardous through electric shock. Also with dis-connection of this unit from the mains, hazardous voltage still may be accessible through supply from battery. The battery supply should be therefore disconnected in the plus and minus pole at the connectors of the battery when maintenance or service work inside the UPS is necessary.

17) To reduce the risk of overheating the UPS, do not cover the UPS' cooling vents and avoid exposing the unit to direct sunlight or installing the unit near heat emitting appliances such as space heater or furnaces.

18) Unplug the UPS prior to cleaning and do not use liquid or spray detergent.

Specification

Model	PS-PGU1500VA#2B9A
Capacity(VA)	1500VA/900W
Input Voltage range(V)	145Vac-290Vac
Input Frequency(Hz)	50Hz±1% OR 60Hz±1%
Output Voltage range(V)	220V±10%
Transfer time	Typical 4-6ms
Waveform	Simulated Sine Wave
Battery Type	12V9AH*2
Typical recharge time	8 hours recover to 90% capacity
Dimension(mm)	330*115*265
Weight(Kg)	20kg
Humidity	0-90%RH @ 0-40°C (non-condensing)
Noise Level	Less than 50dB
USB Communication Port	YES
5V USB	2pcs
RGB light	2pcs

TROUBLESHOOTING

Problem	Possible Cause	Solutions
Nothing is displayed on LCD panel.	The UPS is not on.	Press the power switch again to turn on the UPS.
	Battery voltage is too low.	Charge the battery at least 6 hours.
	Battery fault.	Replace the battery.
The UPS always on battery mode.	Power cord loose.	Re-plug the power cord.
Backup time too short.	Battery voltage is too low.	Charge the battery at least 6 hours.
	Overload.	Remove some unnecessary loads. Before reconnecting equipment, please verify that the load matches the UPS capability specified in the specs.
	Battery defect.	Replace the battery.

If any abnormal situations occur that are not listed above, please call for service immediately.



POWER SOLID



WWW.POWERSOLID.VN