

- When external fails, batteries power the system until the sounder sounds rapidly, you should save all data and software as soon as possible and turn off the UPS.
- When battery output voltage drops to min. value, the UPS will turn down automatically.
- When turn off the UPS, switch on above 2 seconds, then it will turn off.

SIMPLE MALFUNCTION SOLUTION

Malfunction	Possible reason	Solution
Malfunction	Not connected to commercial Power and overload	Connect to commercial power of decrease the load
	The input fuse broken	Change the fuse and decrease the load or check whether there is short circuit or fault
	Commercial power voltage is too low	Check the input voltage
	UPS fault	Send to the dealer
Red light on, beep every 4 seconds	Main power fails, will support by the battery	Save your data and turn off your computer system
Red light on, beep every one second	Backup time is only 1 minute	Turn off it and charge the battery
Backup time is less than rated capacity	Over load	Decrease the load
	The battery is not full charged	Charge the battery over 12 hours
	The charge unit fails	Send to the dealer

Alarm

- If the UPS keep beeping or the red light keeps on, it shows fault operation or protected mode, please turn off the UPS and decrease the load, and then restart the UPS.
- When the main power fails, you can only decrease the load, not increase the load, or it will turn off automatically.
- When the main power fails, please don't directly use the UPS to start the computer, or the UPS would turn to protected mode because of the large current of the computer display. It would even damage the battery and make the battery can not be charged again.
- This UPS can not be connect to tube light or other equipments besides computer and calculating machines.
- If used after long time deposited or use for the first time, the charge light (yellow) is on. It is normal and shows the UPS is charging the battery. When the battery is charged over 90% of full capacity, the light will turn off.
- If the UPS you get is with RS232 communication interface, please install referring to the attached CD. You can get the details: Unipowermon...Help...Index.

Uninterruptiblepower Supply Operation Manual
We will not notify if any specification changed.

USER'S MANUAL

Thank you for choosing our UPS. You will be satisfied with our high-performance and perfect service. In order to ensure you use the UPS properly, please read this manual carefully before installing. If you have any question during using, please read this manual before calling the dealer.

Welcome to use UPS series UPS. You will be satisfied with our high-performance and perfect after-sales service. In order to use the UPS properly please read this manual carefully before installing.

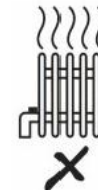
SYSTEM INTRODUCTION

UPS series offline UPS adopt advanced technology. It has many advantages, such as high efficiency, small, beautiful appearance and stable performance. It is controlled by CPU, and regulates the voltage all the time. It is an AC power system with 200v output, special for computer systems and precision electronic equipments. Not only ensure of stable AC output, it can also support the loads when the main power is too low or too high and decrease the instantaneous high voltage in the power wire, spike plus and high frequency noise. Therefore, it can protect the data and program in your computer system and precision equipment work normally.

The output is AC 220v on main mode. If the main power fails, it will support the load by inverting with battery in 8~10ms. Its backup time is 5~20 minutes. If the main power recovers during the battery mode, it will immediately turn to main mode and charge the battery to full capacity.

- The UPS battery has been fully charged before leaving our factory. During the shipment, some level of power may have been discharged. In order to ensure the efficiency of the UPS, please allow the UPS to charge its battery for at least 12 hours before use.
- Connect the UPS to a two-pole, three-wire grounding mains (AC). The AC source must be connected to appropriate branch protection (fuse or circuit breaker). Connection to any other type of AC source may result in a shock hazard and may violate your warranty claim.
- This UPS has an internal battery and its energy cannot be de-energized by the user. The output may be energized even though when the UPS is not connected to the main AC.
- Do not install the UPS in locations where there is water or excessive humidity.
- Do not allow water or any foreign object to enter the UPS or put any objects containing liquid on or near the UPS.
- To reduce the risk of overheating the UPS, avoid exposing the unit to direct sunlight. Avoid installing the unit near heat emitting appliances such as a room heater or stove.

- The UPS may be installed in any protected environment, the location should provide adequate air flow around the unit, in an atmosphere free from excessive dust. Do not operate the UPS in an environment where the ambient temperature or humidity is outside the limits.
- Connect the AC plug of your UPS into your AC source. If you are installing your new purchased UPS for the first time, turn on the AC source and your UPS enable switch (located on the front of the UPS), and do not connect any load to your UPS until the UPS has charged its battery for 8 hours. Connect your computer and monitor to the UPS. Do not overload your UPS.



TECHNICAL SPECIFICATION

TECHNICAL		UPS-500	UPS-600	UPS-800	UPS-1000	UPS-1500	UPS-2000	UPS-3000
		UPS-600	UPS-650	UPS-850	UPS-1200			
INPUT	Voltage (V)	175V-265V 145V-275V 81V-145V	145V-275V OR 81V-145V					
	Frequency (Hz)	50Hz ± 1% OR 60Hz ± 1%						
OUTPUT	Capacity (VA)	500VA/600VA	600VA/650VA	800VA/850VA	1000VA/1200VA	1500VA	2000VA	3000VA
	Voltage (V)	220V ± 10% OR 110V ± 10%						
	Transfer time	4-6ms						
	AVR	YES						
BATTERY	Type	12V5AH/12V7.5AH	12V7.5AH	12V9AH	24V5AH/12V7.5AH*2	12VAH*2	12V5AH*2/12V7.5AH*2	12V12AH*3/12V5AH*6
	Typical recharge time	8 hours recover to 90% capacity						
MEASUREMENT	Measurement (mm)	280*90*140	320*90*140	320*90*140	310*140*165	365*140*165	365*140*165	395*145*210
	Weight (Kg)	4.0/5.0	5.0	5.8	8.0/9.5	11.9	12.3/17.5	21.3
DISPLAY	LED/LCD	LED/LCD						

OPERATION STEP

- Plug UPS External 220V OR 110V (AC) power outlet.
- Plug computer and monitor in UPS sockets, the power of computer and monitor must be less than max. total power.
- Switch on the UPS above 2 seconds, if LED signals 'green', the system driven by external power. Otherwise, it tells you that external power fails please turn off the UPS until external power is normal.