

5. Keeping the hot holes smoothly to release the heat in UPS.
6. Using grounding input power cable to connect UPS.
7. Do not use UPS on laser Printer because of the high start-up current.
8. Do not use the UPS outlets on house electric equipment, such as hair dryer, air conditioner, and refrigerator...

#### REPLACEMENT AND MAINTENANCE OF THE BATTERY

1. Checking the quantity and the model number before replacing the battery.
2. Do not replace the battery by yourself, please call the professional people to do it.
3. While you are processing the battery, keep away fire to avoid explosion.
4. Do not open or damage the case of the battery, because it contains toxic electrolyte that could be harmful to your skin or eyes.
5. There are high voltage and current within the battery. Please place it out of children's reach.
6. Maintaining the Battery --- If you do not use the UPS for a long period of time, please recharge the battery over 12 hours every 3 months.

### GETTING STARTED

#### Unpacking Your UPS

Unpacking the UPS to check if the product is damaged, if you find any damages, call the vendor.

#### Installing UPS

- Make sure the AC power voltage is identical with the voltage in the rear panel of the UPS.
- Press ON/TEST switch, the Green light is ON, that means AC power goes into the UPS.
- Connect the power strip on the computer or other peripherals to the outlets on the UPS. Then turn on the computer, and then unplug the I/P power cord on the UPS to test the operation of the UPS.
- Turning on the UPS to recharge for 8 hours before using it. That can recharge the battery. You can also use it before you recharge completely, but the back up time will be shorter than the full battery capacity.
- To turn off the UPS, please press ON/TEST switch until the LED light is "OFF"
- Do not use UPS on Laser because of the high start-up current.

### SPECIFICATIONS

Model	300VA ~ 600VA
Input Volts Range (on line)	110V(80V~140V) / 220V(160V~280V)
Input Frequency	50 OR 60 ± 3HZ
(AVR) Output Volts Range	110V OUT: 110V±10% / 220V OUT: 220V±10%
Output Volts On Battery	110VAC±5% / 220VAC±5%
Output Frequency On Battery	50 OR 60 ± 1HZ
Battery Run Time	5~10 mins
Typical Battery Charge	Rated 4hrs to 90% of full capacity
Battery Protection	Auto self-test and Discharge protection
Self Test	Self test each time switched on
Transfer Time	2~4ms
Outlets	USA or IEC
Environment	Ambient Operating: 0~40°C, 0~95% Humidity, Non-condensing Storage: 15°C~45°C
Audible Noise	<40DBA (1-Meter from surface)
Mute	After 1 min in back up mode
Surge Energy Rating	240 Joules
Overload	Back-up mode 100% shut down, In AC mode 110% alarms (No shut down)
Electrical Protection	Automatic cut off on short circuit and input circuit breaker
Net Weight	4 kgs
Dimensions (mm) L x W x H	107x230x119
Installation method	Wall mounted, or flat-put

### UPS TROUBLESHOOTING

Please check the following solutions, if you have any problem on the UPS.

- Make sure the UPS plug is plugged in the outlet correctly.
- Make sure the AC power is in the range of the rated.
- Check the fuse in the rear panel is molten down.
- Make sure the load capacity is within the rated range.

When you call for service, please provide those information:

UPS model / Serial number / Breakdown Date / Details about the Status of the UPS.