

★ PREFACE

Thank you for purchasing this series UPS. This series of products with Features of Auto shut down the power, this could protect your loading machine get off the damage! Reading this manual carefully to avoid mistake in your work.

★ SAFETY PRECAUTIONS

To ensure the safe using, Please comply with the following:

1. This product is especially designed for the PC, it does not recommended for use in life-support systems and other specific important equipment.
2. Do not using over the rated loading.
3. UPS with the big capacity of battery, do not open the shell, or it would cause the risk of electric shock, if you need checking or remove the battery, send to the maintenance location.
4. Internal short circuit may cause electric shock or fire hazard, Container containing liquid cannot be placed above the UPS, to avoid the risk of electric shock.
5. If the UPS smoking, shut down the power, then contact the dealer.
6. Please do not keep or use this product in the following environments:
 - ◆ Flammable gas, Corrosive substances, A lot of dust;
 - ◆ Temperature < 0℃ or > 40℃, humidity over 90%;
 - ◆ Under direct sunlight, or a place near the heater;
 - ◆ Near the severe vibration location;
 - ◆ Out door;
7. If these are fires around, Please use the dry powder fire extinguisher, Risk of electric shock would be happen if using a liquid fire extinguisher.
8. Please put the socket near the UPS, so that when an emergency situation occur can unplug the socket quickly to cut off the power.

★ INSTALLATION and USE

① Package inspection

The package should be:

- A UPS
- User manual

Take out the UPS, check it whether be damaged during the transportation, if damaged or lost parts, do not turn on it, contact the dealer please.

② Connect the AC power

When the input power wire connected to the UPS and start charging the battery, we recommend charging 6 hours before use.

③ CONNECT

Connect the equipment's input wire to the UPS' output power wire which on the back panel of the output socket of voltage regulators.

Prompt: the UPS should be "turn on", to confirm the UPS could Prevent the loss of your equipment's data.

Notice: don't connect the printer and the scanner, this could cause the over loading of the UPS, and then your UPS cannot work normally.

④ Turn on the UPS

Press the key of "on/off", when the light bright the UPS is working, this instrument with a DC switching function, it could switch on the UPS without AC power, easy for using. In case the AC power off, UPS start the battery power working, then please save your work in PC, after the AC power recovery, switch on the UPS to recharge the battery.

⑤ Turn off the UPS

Press the key of "on/off", after the light off, then the UPS is power off.

- When you start working, please turn UPS on, then open the load, after you finished your work, turn off the load then turn off the UPS.
- Normally, keep the UPS "ON" to charge the battery.

★ HANDLING ABNORMAL CONDITIONS

QUESTION	POSSIBLE CAUSES	SOLUTION
LED light off	UPS are not turn on	Press the "on" key to turn on the UPS
	Low voltage of the battery	Recharge the battery for at least 6 hours
	Battery damaged	Replace the battery
UPS stay in battery mode	The input wire not connected well	Re-plug in the input wire
UPS alarm continued	Over loading	Shut down parts of loading equipment, confirm the model and the capacity of the loading equipment before re-connecting
Backup time is too short	Lower voltage of battery	Recharge the battery for at least 6 hours
	Over loading	Shut down parts of loading equipment, confirm the model and the capacity of the loading equipment before re-connecting
	Battery damaged	Replace the battery

* Any other case happened which are not in the notes, please immediately contact the customer service staff for handle.

★ SPECIFICATIONS

MODEL	MT500	MT1000	MT2000
Capacity	500VA /300W	1000VA /600W	2000VA /1200W
Input Voltage Rang	140 - 290 VAC		
Output Voltage	220V $\pm$ 10% (Battery mode)		
Transfer Time	Typical 4 - 8 ms		
Wave Form	Simulated Sine Wave		
Battery Type & NO.	12V/4.5AH *1pcs	12V/9AH x1pcs	12V/9AH x 2pcs
Charging Time	4 - 6 hours recover to 90% capacity		
Dimension (mm)	280*90*140	280*90*140	370*137*165
Weight (KG)	4.1	4.5	9.2
Humidity	0 - 90% RH @ 0 - 40°C non-condensing		
Noise	Less than 40dB		

* Specifications are subject to change without notice.

★ WARRANTY

Warranty information:

- (1) The model and UPS number must be filled in by dealer, alteration is Invalid.
- (2) Since the purchase date, if the malfunction not caused by man, machine warranty for one year. If the UPS malfunction occur. Such as machine malfunction, please contact the Dealer for warranty.
- (3) Malfunction caused by man or out of the warranty period, charge according to the actual situation.