

UT800EG User's Manual

IMPORTANT SAFETY INSTRUCTIONS

This manual contains important safety instructions. Please read and follow all instructions carefully during the installation and operation of the unit. Read this manual thoroughly before attempting to unpack, install, or operate your UPS.

CAUTION! To prevent the risk of fire or electric shock, install in a temperature and humidity-controlled indoor area free of conductive contaminants. (See the specifications for the acceptable temperature and humidity range.)

CAUTION! 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 heaters or furnaces.

CAUTION! Do not attach non-computer-related items, such as medical equipment, life-support equipment, microwave ovens, or vacuum cleaners to UPS.

CAUTION! Do not allow liquids or any foreign object to enter the UPS. Do not place beverages or any other liquid-containing vessels on or near the unit.

CAUTION! 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.

CAUTION! Unplug the UPS prior to cleaning and do not use liquid or spray detergent.

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

INSTALLING YOUR UPS SYSTEM

UNPACKING

The box should contain the following: (1) UPS Unit x1; (2) User Manual x1

HARDWARE INSTALLATION GUIDE

1. Connect your new UPS power cable to a wall outlet upon receipt. Charging the battery for 24 hours before first use is recommended to ensure the battery reaches maximum charging capacity. Charge loss may occur during shipping and storage. To recharge the battery, simply leave the unit plugged into an AC outlet. The unit will charge in both the on and off position.
2. With the UPS unit off and unplugged, connect the computer, monitor, and any externally powered data storage device (Wireless router, broadband modem, etc.) into the battery power supplied outlets. **DO NOT** plug a laser printer, copier, space heater, vacuum, paper shredder, or other large electrical device into the battery power-supplied outlets. The power demands of these devices will overload and possibly damage the unit.
3. Plug the UPS into a 2-pole, 3-wire grounded receptacle (wall outlet). Make sure the wall branch outlet is protected by a fuse or circuit breaker and does not service equipment with large electrical demands (e.g. air conditioner, refrigerator, copier, etc. Avoid using extension cords.
4. Press the power switch to turn the unit on. The power on indicator light will illuminate and the unit will "beep".
5. If an overload is detected, an audible alarm will sound and the unit will emit one long beep. To correct this, turn the UPS off and unplug at least one piece of equipment from the battery power-supplied outlets. Wait 10 seconds. Make sure the circuit breaker / fuse is normal and then turn the UPS on.
6. To maintain optimal battery charge, leave the UPS plugged into an AC outlet at all times.
7. To store your UPS for an extended period, cover it and store it with the battery fully charged. Recharge the battery every three months to ensure battery life.

BASIC OPERATION

1. Power Switch

Press the switch for 2 seconds to turn the UPS ON or OFF.

Alarm setting: The audible alarm can be turned OFF or ON by quickly pressing the POWER button twice. The default setting is for the Alarm On.

To turn the Alarm Off, quickly press the power button twice. You will hear two short beeps when the Alarm is turned off. To turn the Alarm back on, quickly press the power button twice. You will hear a single short beep when the Alarm is turned on.

2. LED Indicators

The LED indicates the status of UPS. Refer to **Definitions for Illuminated LED Indicators** section for details.

3. Battery Backup and Surge Protected Outlets

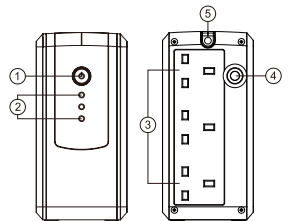
The UPS provides power for connected equipment to ensure temporary uninterrupted operation during a power failure and against surges and spikes.

4. Replaceable Fuse

The fuse provides overload protection.

5. Input Power Cord

Connect to utility power.



DEFINITIONS FOR ILLUMINATED LED INDICATORS

LED	Light	Audible Alarm	UPS Status	Description
Green	ON	-	ECO Mode	The utility is normal. The UPS operates in energy-saving mode.
	Slowly Flashing	-	Charging	The utility is normal. The UPS is charging the battery.
Yellow	ON	Beep twice every 30 seconds	Battery Mode	The UPS is providing battery power.
	Flash	Rapid Beeping	Low Battery	The UPS will run out of battery power soon.

Red	ON, Flash once every 5 seconds	Constant Tone	Battery Output Short Fault	Turn off the UPS and unplug at least one piece of equipment.
	ON, Flash twice every 5 seconds	Constant Tone	Overload Fault	Connected equipment exceeds the rating of the unit. Turn off the UPS and unplug at least one piece of equipment.
	ON, Flash 3 times every 5 seconds	Constant Tone	Charger Fault	Contact CyberPower for support
	ON, Flash 4 times every 5 seconds	Constant Tone	Hardware Fault	Contact CyberPower for support
	Flash	Constant Tone	Overload Warning	Connected equipment exceeds the rating of the unit. Turn off the UPS and unplug at least one piece of equipment.

TECHNICAL SPECIFICATIONS

Model	UT800EG
Capacity (VA/W)	800/400
Input	
Voltage Range	165~290Vac
Nominal Frequency	50/60Hz +/-5Hz
Output	
On Battery Output Voltage	220/230/240Vac
On Battery Output Frequency	50/60Hz +/-1%
Overload Protection	Fuse
Physical	
Total UPS Receptacles	UK x 3
Dimensions (W x H x D)(mm)	84 x 174 x 280
Weight	4.0 kg
Battery	
Sealed Maintenance Free Lead Acid Battery	RBP0143 x1
Typical Recharge Time	6 hours to 90% from total discharge
Warning Diagnostics	
Indicators	Utility / Battery / Fault
Audible Alarms	On Battery, Low Battery, Overload, Fault
Environmental	
Operating Temperature	0°C to 40°C
Operating Relative Humidity	0 to 90%

TROUBLESHOOTING

Problem	Possible Cause	Solution
The UPS does not perform expected runtime.	Batteries are not fully charged.	Recharge the battery by leaving the UPS plugged in.
	Battery is slightly worn out.	Contact CyberPower Systems Technical Support.
The UPS will not turn on.	The unit is not connected to an AC outlet.	The unit must be connected to a 220-240V outlet.
	The battery is worn out.	Contact CyberPower Systems Technical Support.
	Mechanical problem.	Contact CyberPower Systems Technical Support.
Outlets do not provide power to equipment.	Fuse is blown or breaker is tripped due to overload.	Turn the UPS off and unplug at least one piece connected equipment. Unplug the power cord of the UPS then replace the blown fuse with a spare one or press the circuit breaker knob. Connect power cord then turn the UPS on. Make sure that your spare fuse meets the specification.
	Batteries are discharged.	Allow the unit to recharge for at least 4 hours.
	Unit has been damaged by a surge or spike.	Contact CyberPower Systems Technical Support.

PRODUCT REGISTRATION

Prompt product registration assures coverage under the Limited Warranty, and also allows the opportunity to be notified of product enhancements, upgrades, and other announcements. Registration is quick and easy. Go to Product Registration page at www.cyberpower.com/product_registration

For technical support, contact CyberPower at

www.cyberpower.com/contact

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