

User Manual

PowerWalker Basic VI SB Series

650/850/1000

IMPORTANT SAFETY INSTRUCTIONS

This manual contains important safety instructions. Please read and follow all instructions carefully during 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

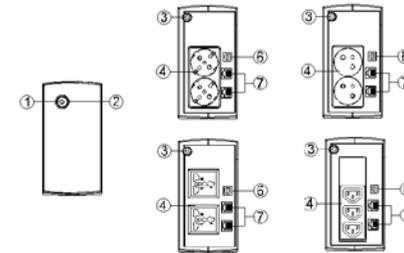
HARDWARE INSTALLATION GUIDE

1. Your new UPS may be used immediately upon receipt. However, recharging the battery for at least 8 hours is recommended to ensure that the battery's maximum charge capacity is achieved. 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 (Zip drive, Jazz drive, Tape drive, 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".

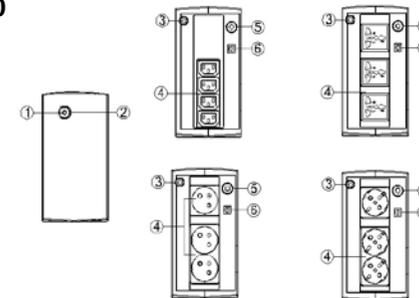
5. If an overload is detected, an audible alarm will sound and the unit will emit one long beep. To correct this, turn the UPS off and unplug at least one piece of equipment from the battery power supplied outlets. Wait 10 seconds. Make sure the circuit breaker / fuse is normal and then turns the UPS 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 with the battery fully charged. Recharge the battery every three months to ensure battery life.

BASIC OPERATION

650/850



1000



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

This LED is illuminated when the UPS is working.

3. Input Power Cord

Connect to utility power.

4. AC outlet

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

5. Input Circuit Breaker(Only for 1000 model)

The circuit breaker provides overload protection.

6. USB COMM. Port

This port allows connection and communication from the USB port on the computer to the UPS unit

DEFINITIONS FOR ILLUMINATED LED INDICATORS

LED	Alarm	Condition
On	Off	Normal
Flash	Beep 1 time In Every 30 Seconds	Utility Failure-The UPS is providing battery power to outlets.
Flash	Beep 1 time In Every 2 Seconds	Utility Failure-The UPS is providing battery power. The rapid beeps indicate the battery will run out of power shortly.
On/Flash	Beep 1 time In Every 0.5 Second	Overload-Occurs when connected equipment exceeds the rating of the unit. Turn the UPS off and unplug at least one piece of equipment from the UPS.

TECHNICAL SPECIFICATIONS

Model	VI 650 SB	VI 850 SB	VI 1000 SB
Capacity (VA/W)	650/360	850/480	1000/600
Input			
Nominal Voltage	230Vac		
Nominal Frequency	50Hz		
Output			
On Battery Output Voltage	220-240Vac		
On Battery Output Frequency	50 Hz+/-1%		
Overload Protection	Breaker / Fuse		
Physical			
Dimensions(WxHxD)(mm)	84x159x252		100x 189x325
Weight	3.8kg	4.2kg	6.9kg
Battery			
Sealed Maintenance Free Lead Acid Battery	CB12-7(M)x1	CB12-8(M)x1	CB12-7(M)x2
Typical Recharge Time	8 Hours		
Warning Diagnostics			
Indicators	Power On/ Using Battery		
Audible Alarms	On Battery, Low Battery, Overload, Fault		
Environmental			
Operating Temperature	0°C to 40°C		
Operating Relative Humidity	0 to 90%		
Management			
Auto-Charger	Yes		
Auto-Restart	Yes		
USB COMM.Port	Yes, with HID support		

TROUBLE SHOOTING

Problem	Possible Cause	Solution
The UPS does not perform expected runtime.	Batteries are not fully charged. Battery is slightly worn out.	Recharge the battery by leaving the UPS plugged in. Contact Technical Support.
	The unit is not connected to an AC outlet.	The unit must be connected to a 220-240V outlet.
The UPS will not turn on.	The battery is worn out.	Contact Technical Support.
	Mechanical problem.	Contact 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 Technical Support.

SOFTWARE DOWNLOAD

PowerMaster management software provides a user-friendly interface for your power systems. The graphic user interface is intuitive and displays essential power information at a glance. Please follow procedure below to install the software.

Installation procedure:



1. Download PowerMaster from the website: <http://powermaster.powerwalker.com/>

2. Double-click the file and follow the installation steps.

When your computer restarts, the Power Master software will appear as a blue icon located in the system tray.



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