9. Ensure the wall outlet and UPS are located near the equipment being attached for proper accessibility.

7. To maintain optimal battery charge, leave the UPS plugged into an AC outlet at all times.

6. Press the power switch to turn the unit on. The Power On indicator light will illuminate and the unit will “beep”.

5. Plug the UPS into a 2 pole, 3 wire grounded receptacle (wall outlet). Make sure the wall branch outlet is grounded. If you need to de-energize this equipment, turn off and unplug the unit.

4. Auto-charge feature. When the UPS is plugged into an AC outlet, the battery's maximum charge capacity, it is recommended that you charge the battery for at least 8 hours.

3. With the UPS unit turned off and unplugged, connect your computer, monitor, and any other equipment to the UPS. (DO NOT plug a laser printer, paper shredder, copier, space heater, vacuum, sump pump or other electrical devices into the “Battery and Surge Protected Outlets”. The power demands of these devices may overload and damage the UPS.)

2. Turn the UPS off and unplug it from the AC power source.

1. When replacing batteries, make sure to replace them with the same number of the following battery: CyberPower RB1290A for the CP850/1000AVRLCD; CyberPower RB1290X2 for the CP1350/1500AVRLCD. Before replacing batteries, remove conductive jewelry such as chains, wrist bands, and rings. High energy batteries can be harmful to the skin and eyes. It may be fatal.

CAUTION: Do not open or mutilate batteries. Released material is harmful to the skin and eyes. It may be toxic.

REMOTE MONITORING VIA RS-232 OR RJ45

The LCD display shows all the UPS information using icons and messages. For more information please review the “Definitions for Illuminated LCD_indicators” section below.

**AUTOMATIC VOLTAGE REGULATOR**

The CP850/1000/1350/1500AVRLCD provides complete power protection from utility power that is not always consistent. This meter measures the AC voltage that the UPS system is receiving from the utility wall outlet. The UPS is designed, through the use of Automatic Voltage Regulation (AVR), derating nominal input voltage levels to safe levels. AVR automatically increases low utility power or decreases high utility power to a safe 110/120 volts.

**INPUT voltage meter**

This meter is illuminated when the utility-input voltage is not within standard limits. When the utility exceeds or falls outside of the safe range, the meter will light. The unit will automatically adjust the input voltage within safe levels. This can be caused by utility or by your local utility. The INPUT voltage meter can be used as a diagnostic tool to identify poor-quality input power.

**NUMERICAL DISPLAY**

This display shows current operating parameters of the UPS. For more information please refer to the Function Setup Guide for numerical display parameters.

**FUNCTION SETUP GUIDE**

This guide provides instructions on how to setup and configure the UPS. Please visit www.cpsww.com and go to the Software Section for free download.

*PowerPanel® Personal Edition software is available on our website.

(a) UPS (b) User’s manual (c) USB A+B type cable (d) Function Setup Guide

**PRODUCT REGISTRATION**

Visit www.cpsww.com and go to the Software Section for free download.

Overview

The unit provides long lasting battery backup during power outages with maintenance free batteries. The CP850/1000/1350/1500AVRLCD ensures constant power to your computer system and includes software that will automatically shut down your computer system during a utility power loss.

**AUTOMATIC VOLTAGE REGULATOR**

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**FUNCTION SETUP GUIDE**

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2. OUTAGE voltage meter: This icon appears whenever the UPS is in silent mode.

3. OVER LOAD icon: This icon appears whenever the UPS is in silent mode.

2. Output voltage meter: This meter displays the approximate output load level (in 20% increments) of the UPS battery outlets.

- Connect the equipment to an outlet on a circuit different from that to which the receiver is connected.
- Reorient or relocate the receiving antenna.
- Turn the UPS off and unplug at least one piece of equipment.