

CyberPower CP1350PFCLCD

CyberPower CP1350PFCLCD PFC Sinewave UPS Instruction Manual

Model: CP1350PFCLCD | Brand: CyberPower

1. PRODUCT OVERVIEW

The CyberPower CP1350PFCLCD is a mini-tower Uninterruptible Power Supply (UPS) system designed to provide battery backup and surge protection. It features sine wave output, making it compatible with active Power Factor Correction (PFC) and conventional power supplies. This unit safeguards desktop computers, workstations, networking devices, and home entertainment systems from power fluctuations and outages. An advanced multifunction color LCD panel provides real-time status and alerts, with a tilt feature for optimal viewing.

The UPS incorporates Automatic Voltage Regulation (AVR) to stabilize incoming utility power, correcting minor voltage fluctuations without engaging the battery, thereby extending battery life.



Figure 1: Front view of the CyberPower CP1350PFCLCD UPS, showing the LCD display and control buttons.

2. SETUP

2.1 Unpacking and Initial Inspection

Carefully remove the UPS from its packaging. Inspect the unit for any signs of damage. Ensure all components, including the power cord and user manual, are present.

2.2 Battery Connection

The UPS battery may be disconnected for shipping. To connect the battery:

1. Locate the battery compartment cover, typically at the bottom or side of the unit.
2. Remove the cover by sliding it or unscrewing retaining screws.
3. Connect the internal battery cables (red to red, black to black) as indicated. Ensure connections are secure.
4. Replace the battery compartment cover.

2.3 Connecting to Power and Devices

Plug the UPS power cord into a grounded wall outlet. Connect your computer, monitor, and other critical equipment to the battery backup and surge-protected outlets on the rear of the UPS. Non-critical devices can be connected to surge-only outlets.





Figure 2: Rear view of the UPS, showing 12 NEMA 5-15R outlets (six battery backup & surge protected, six surge protected), network ports, USB, and serial port.

3. OPERATING INSTRUCTIONS

3.1 Powering On/Off

To power on the UPS, press and hold the power button on the front panel until the LCD screen illuminates. To power off, press and hold the power button again until the display turns off.

3.2 LCD Display and Controls

The multifunction color LCD panel displays real-time information about the UPS status. Use the 'DISPLAY' button to cycle through various screens, including:

- **Input Voltage:** Shows the incoming utility power voltage.
- **Output Voltage:** Displays the voltage supplied by the UPS to connected devices.
- **Battery Capacity:** Indicates the current charge level of the battery.
- **Current Load:** Shows the power consumption of connected devices.
- **Estimated Run Time:** Provides an approximation of how long the UPS can power connected devices

during an outage.

- **Event Log:** Records power events such as outages or surges.

The screen can be tilted up to 22 degrees for better viewing angles.

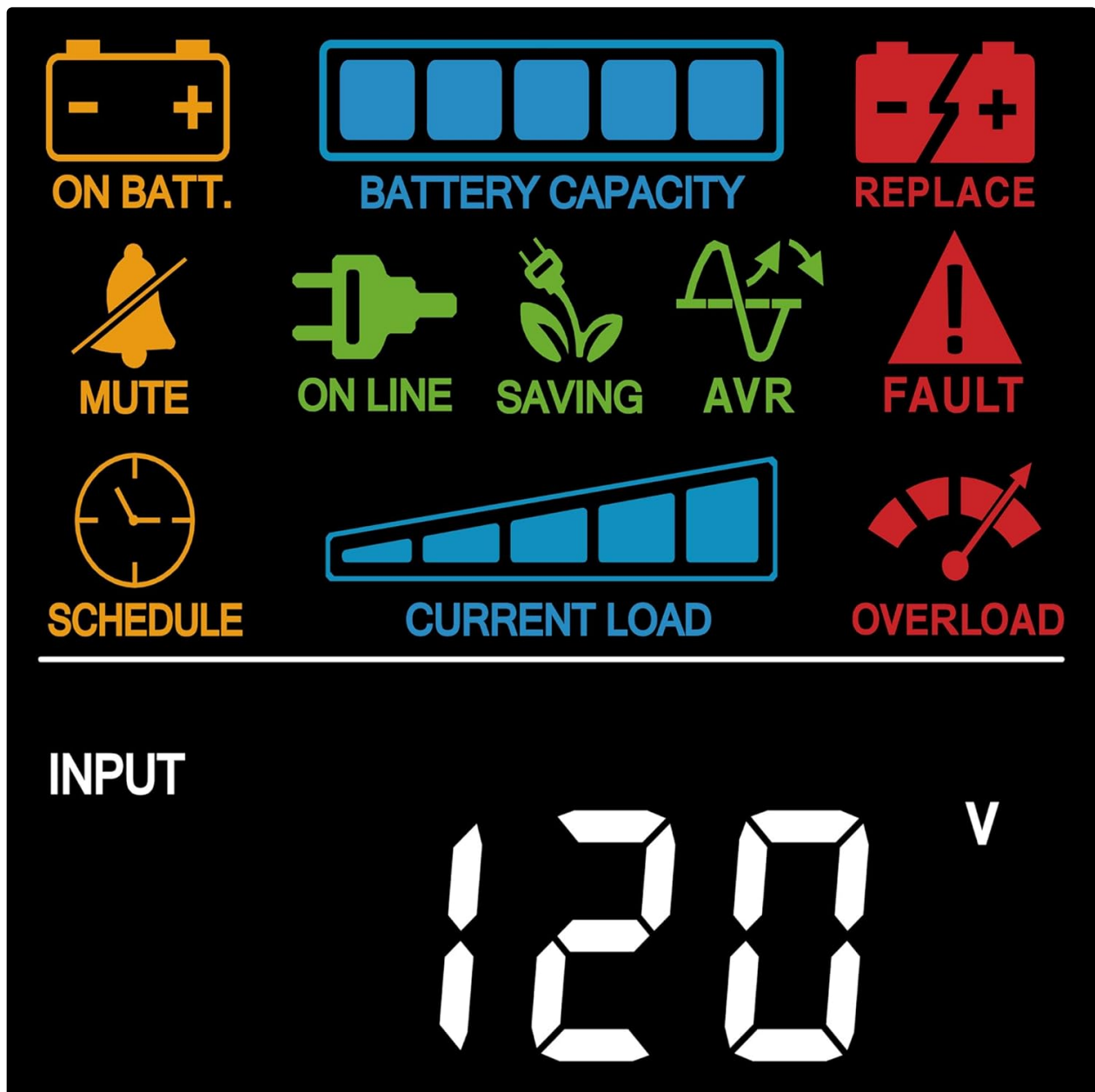


Figure 3: Close-up of the LCD panel displaying various status icons and real-time data.

3.3 Automatic Voltage Regulation (AVR)

The UPS automatically activates AVR to correct minor voltage fluctuations (sags or surges) without switching to battery power. This ensures a stable power supply to your devices and prolongs battery life.

3.4 USB Charging Ports

The front panel includes USB-A and USB-C ports for convenient charging of mobile devices, even during a power outage.

4. MAINTENANCE

4.1 Battery Replacement

Over time, UPS batteries will degrade and require replacement. The CP1350PFCLCD uses two 12V sealed lead-acid batteries. The LCD panel may display an error code (e.g., E21) or a 'REPLACE' icon when the battery needs attention.

Procedure for Battery Replacement:

1. Ensure the UPS is turned off and disconnected from the wall outlet.
2. Remove the battery compartment cover (usually secured by two Phillips screws).
3. Carefully disconnect the battery terminals (red and black) from the old batteries. Note the orientation for proper re-connection.
4. Remove the old batteries. They may be snug and require gentle nudging.
5. Insert the new batteries, ensuring they fit correctly.
6. Connect the new battery terminals (red to red, black to black). A small spark may occur during the final connection; this is normal.
7. Replace the battery compartment cover and secure it with screws.

For a visual guide on battery replacement, refer to the official product video below:

Video 1: CyberPower PFC Compatible Pure Sine Wave Tower UPS - This video demonstrates the features and setup of a CyberPower UPS, including aspects relevant to battery maintenance.

4.2 General Care

Keep the UPS in a well-ventilated area, free from dust and moisture. Avoid placing it near heat sources. Regularly check for any loose connections or signs of wear.

5. TROUBLESHOOTING

If your UPS is not functioning as expected, refer to the following common issues:

Problem	Possible Cause	Solution
UPS does not turn on	Battery not connected or discharged	Ensure battery is connected. Charge UPS for at least 8 hours.
UPS beeps continuously	Overload or low battery	Reduce connected load. Allow battery to charge.
Error Code E21 on LCD	Battery fault or end-of-life	Replace the battery as per maintenance instructions.
No power to outlets	Circuit breaker tripped	Press the circuit breaker reset button on the rear panel.

6. SPECIFICATIONS

- **Model:** CP1350PFCLCD
- **Capacity:** 1350VA / 880W
- **Topology:** Line Interactive with PFC Sinewave Output
- **Outlets:** 12 NEMA 5-15R (6 Battery Backup & Surge Protected, 6 Surge Protected)
- **Input Voltage:** 120 Volts
- **Battery Type:** Sealed Lead Acid (2 x 12V batteries included)

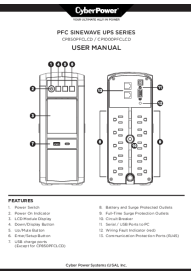

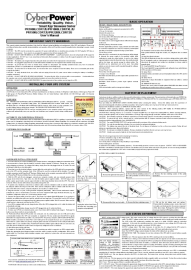
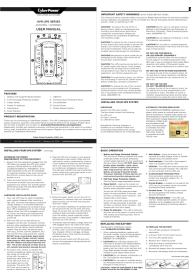
- **Automatic Voltage Regulation (AVR):** Yes
- **Display:** Multifunction Color LCD Panel
- **Dimensions:** 14.2 x 3.9 x 10.4 inches
- **Item Weight:** 20.3 pounds

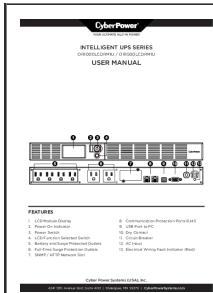
7. WARRANTY AND SUPPORT

The CyberPower CP1350PFCLCD comes with a **three-year warranty**, which includes coverage for the batteries. Additionally, it is backed by a **\$425,000 Connected Equipment Guarantee**, providing peace of mind for your connected electronics.

For further support, troubleshooting, or warranty claims, please visit the official CyberPower website or contact their customer service.

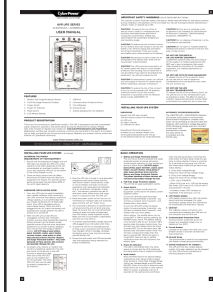
Related Documents - CP1350PFCLCD

	<p>CyberPower PFC Sinewave UPS Series User Manual: CP850PFCLCD / CP1000PFCLCD</p> <p>User manual for CyberPower PFC Sinewave UPS Series models CP850PFCLCD and CP1000PFCLCD, detailing installation, operation, safety guidelines, battery replacement, troubleshooting, and technical specifications.</p>
	<p>CyberPower Smart App Sinewave Series UPS User's Manual</p> <p>User's manual for CyberPower Smart App Sinewave Series UPS models PR1000LCDRTXL2Ua, PR1500LCDRTXL2U, and PR2200LCDRTXL2U, detailing installation, operation, safety precautions, troubleshooting, technical specifications, and warranty information.</p>
	<p>CyberPower Smart App Sinewave Series UPS User's Manual</p> <p>User's manual for CyberPower Smart App Sinewave Series UPS models PR1000LCDRT2U, PR1000LCDRTXL2U, PR1500LCDRT2U, and PR2200LCDRT2U, covering installation, operation, troubleshooting, specifications, and warranty information.</p>
	<p>CyberPower AVR UPS Series AVR750U/AVRG900U User Manual</p> <p>User manual for CyberPower AVR UPS Series models AVR750U and AVR900U, providing installation, operation, safety, and troubleshooting information for these uninterruptible power supply units.</p>



[CyberPower Intelligent UPS Series OR1000LCDRM1U/OR1500LCDRM1U User Manual | Power Protection Guide](#)

Comprehensive user manual for CyberPower Intelligent UPS Series (OR1000LCDRM1U, OR1500LCDRM1U). Learn about installation, features, operation, battery replacement, troubleshooting, technical specs, and safety for reliable power protection.



[CyberPower AVR UPS Series User Manual: AVR750LCD & AVR900LCD - Installation, Operation, and Safety](#)

This user manual provides detailed information on the installation, operation, safety precautions, and troubleshooting for the CyberPower AVR UPS Series models AVR750LCD and AVR900LCD, including features like Automatic Voltage Regulation (AVR) and LCD display.