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## CyberPower CP1500AVRLCD3

# CyberPower CP1500AVRLCD3 Intelligent LCD UPS System User Manual

Model: CP1500AVRLCD3

Brand: CyberPower

## INTRODUCTION

The CyberPower Intelligent LCD CP1500AVRLCD3 is a mini-tower Uninterruptible Power Supply (UPS) system designed with line interactive topology. It provides essential battery backup and surge protection for a variety of electronic devices, including desktop computers, workstations, networking equipment, and home entertainment systems. This model utilizes Automatic Voltage Regulation (AVR) to stabilize power fluctuations without engaging the battery, thereby extending battery life. This manual provides detailed instructions for the proper setup, operation, maintenance, and troubleshooting of your CP1500AVRLCD3 UPS system.

## IMPORTANT SAFETY INSTRUCTIONS

Please read and follow all instructions carefully before installing and operating the unit. Retain this manual for future reference.

- This UPS is designed for indoor use only.
- Do not install the UPS in direct sunlight, near heat sources, or in areas with excessive humidity.
- Ensure the UPS is connected to a grounded AC power outlet.
- Do not connect non-computer related items such as medical equipment, life support equipment, microwave ovens, or vacuum cleaners to the UPS.
- To reduce the risk of electric shock, do not open the unit. There are no user-serviceable parts inside. Refer servicing to qualified service personnel.
- Disconnect the UPS from the AC outlet before cleaning.
- The battery is a sealed lead-acid type. Refer to local regulations for proper disposal.

## PACKAGE CONTENTS

Verify that all items are present upon unpacking:

- CyberPower CP1500AVRLCD3 Intelligent LCD UPS System
- USB A-B Cable
- Power Cord (integrated)
- User Manual (this document)
- PowerPanel Personal Edition Management Software (Download)

## PRODUCT OVERVIEW

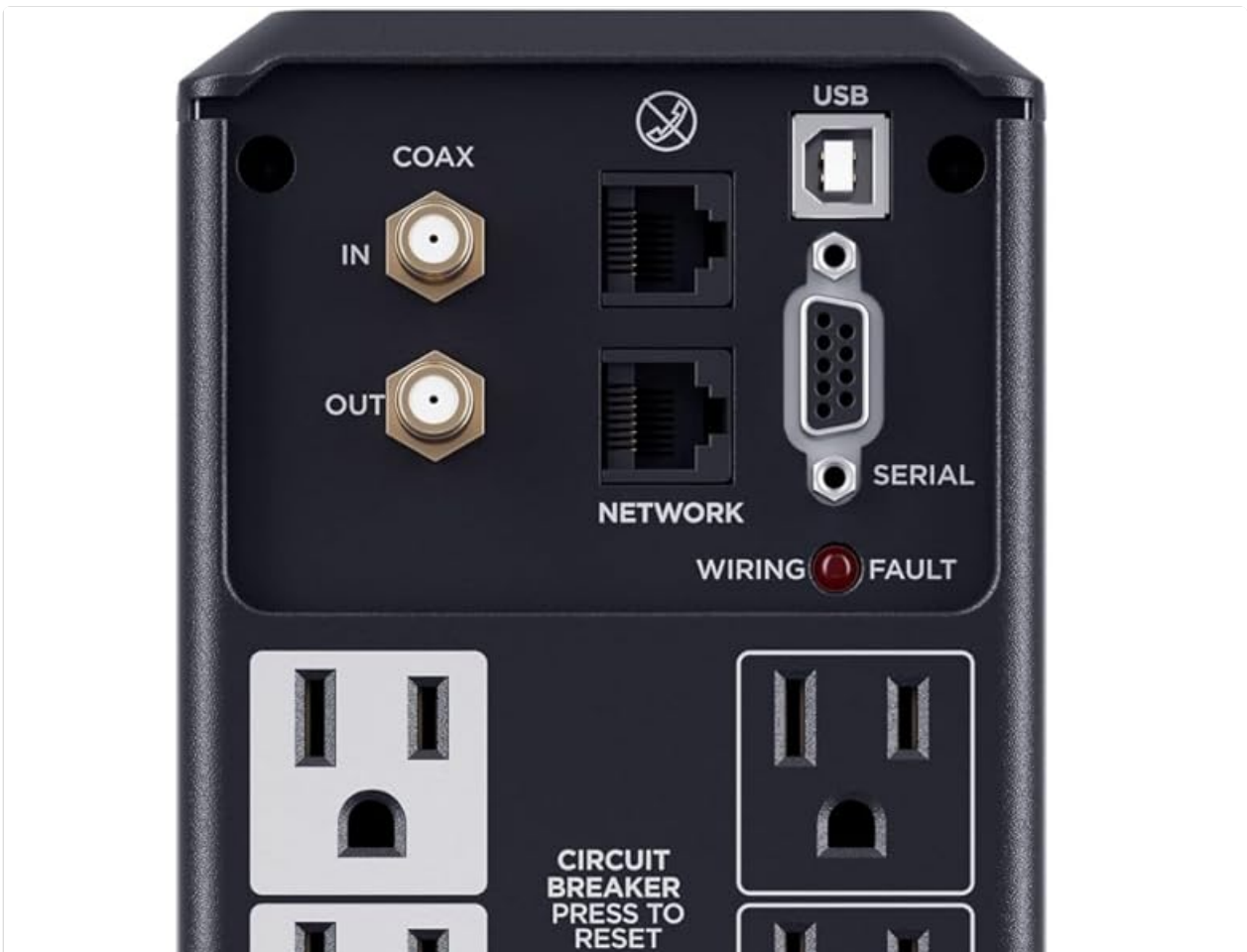
### Front Panel Features





The front panel features the multifunction color LCD display, control buttons (Display, Mute, Enter, Setup), and two USB charging ports (one Type-A, one Type-C). The LCD provides real-time information on battery status, power conditions, and load.

### Rear Panel Features





The rear panel includes 12 NEMA 5-15R outlets: six battery backup and surge protected outlets, and six surge protected outlets only. It also features a circuit breaker reset button, coaxial cable protection ports (In/Out), network protection ports (In/Out), a USB communication port, and a serial communication port.

## Dimensions



The unit measures approximately 13.8 inches (D) x 3.9 inches (W) x 10.2 inches (H) and weighs 23.8 pounds. Its compact

mini-tower design allows for flexible placement.

## SETUP AND INSTALLATION

### Initial Battery Charge

1. Unpack the UPS and place it on a flat, stable surface.
2. Plug the UPS power cord directly into a grounded wall outlet.
3. Allow the unit to charge for at least 8 hours to ensure maximum battery runtime. The unit will charge whether it is turned on or off.

### Connecting Equipment

1. Connect your computer, monitor, and other critical devices requiring battery backup to the 'SURGE + BATTERY' protected outlets. These outlets provide power during outages and protect against surges.
2. Connect non-critical devices, such as printers or scanners, to the 'SURGE' protected outlets. These outlets provide surge protection but do not offer battery backup.
3. Do not connect laser printers to the 'SURGE + BATTERY' outlets, as their high power draw can overload the UPS.
4. For network and coaxial line protection, connect your modem/router and incoming lines to the respective 'NETWORK' and 'COAX' IN/OUT ports on the rear panel.

### Software Installation

Download and install the PowerPanel Personal Edition Management Software from the CyberPower website. This software allows for advanced monitoring and management of your UPS, including scheduled shutdowns, power event logging, and customizable alerts. Connect the UPS to your computer using the provided USB cable to enable communication with the software.

## OPERATION

### LCD Display Functions

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 (V)
- Output Voltage (V)
- Battery Capacity (%)
- Estimated Runtime (minutes)
- Load Capacity (Watts/%)
- AVR Status

The color display alerts users to potential issues, such as low battery or overload, before they can affect critical equipment.

### Automatic Voltage Regulation (AVR)

The CP1500AVRLCD3 features Automatic Voltage Regulation (AVR). This technology automatically corrects minor power fluctuations (sags and surges) without switching to battery power. This extends the life of the battery and ensures a stable power supply to connected devices.

## USB Charging Ports

The front panel includes one USB Type-A (2.4A) and one USB Type-C (15W) charging port. These ports provide convenient charging for mobile phones, tablets, and other USB-powered devices, even during a power outage when the UPS is on battery power.

## MAINTENANCE

### Battery Replacement

The CP1500AVRLCD3 uses two 12V sealed lead-acid batteries. The typical battery life is 3-5 years, depending on usage and environmental conditions. When the battery needs replacement, the UPS will indicate this on the LCD. Refer to the CyberPower website or contact customer support for information on purchasing replacement batteries and detailed replacement instructions.

### Cleaning

To clean the exterior of the UPS, use a soft, dry cloth. Do not use liquid or aerosol cleaners. Ensure the unit is unplugged from the wall outlet before cleaning.

## TROUBLESHOOTING

This section addresses common issues you might encounter with your UPS. If the problem persists after attempting the solutions below, please contact CyberPower technical support.

Problem	Possible Cause	Solution
UPS will not turn on.	Battery is low or depleted.	Charge the UPS for at least 8 hours.
No power to outlets.	Circuit breaker tripped.	Press the circuit breaker reset button on the rear panel.
UPS beeps continuously.	Overload condition.	Remove non-essential equipment from battery backup outlets.
UPS is on battery power frequently.	Frequent power fluctuations.	This is normal operation for AVR. Ensure the UPS is properly sized for your load.

## TECHNICAL SPECIFICATIONS

Feature	Specification
Model	CP1500AVRLCD3
Capacity (VA/Watts)	1500VA / 900W
Input Voltage	120 Volts
Outlets	12 NEMA 5-15R (6 Battery + Surge, 6 Surge Only)
USB Charging Ports	1x USB-A (2.4A), 1x USB-C (15W)
Battery Type	Sealed Lead Acid (2 x 12V batteries)
Dimensions (D x W x H)	13.8 x 3.9 x 10.2 inches
Item Weight	23.8 pounds
Color	Black
Manufacturer	CyberPower Systems
Country of Origin	Philippines

## WARRANTY AND TECHNICAL SUPPORT

The CyberPower CP1500AVRLCD3 Intelligent LCD UPS System comes with a three-year warranty, which includes coverage for the batteries. Additionally, it is backed by a \$500,000 Connected Equipment Guarantee, providing peace of mind for your connected devices.

For detailed warranty information, technical assistance, or to download the latest version of the PowerPanel Personal Edition Management Software, please visit the official CyberPower website or refer to the User Manual PDF available at:

<https://manuals.plus/m/61c663543464ea25f56b74ac58843d3f6def7778c6fa4d63724b2ce79e1388a2>

You may also contact CyberPower customer support directly for further assistance.