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› [CDP](#) /

› CDP R-Smart 751 UPS User Manual

CDP R-SMART 751

CDP R-Smart 751 UPS User Manual

Intelligent 750VA/350W Uninterruptible Power Supply

1. INTRODUCTION

Thank you for choosing the CDP R-Smart 751 Uninterruptible Power Supply (UPS). This device is designed to provide reliable power protection for your electronic equipment against power outages, surges, and spikes. It features an intelligent design with an LCD display for easy monitoring and multiple outlets for comprehensive connectivity.

2. SAFETY INSTRUCTIONS

Please read and follow all safety instructions carefully before installing and operating your UPS. Failure to do so may result in damage to the unit, connected equipment, or personal injury.

- Do not open the UPS casing. There are no user-serviceable parts inside. Refer servicing to qualified service personnel.
- Do not install the UPS in direct sunlight, near heat sources, or in environments with excessive dust, humidity, or corrosive substances.
- 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, or household appliances to the UPS.
- In case of fire, use a dry chemical fire extinguisher. Water may cause electrical shock.
- Disconnect the UPS from the AC power outlet before cleaning or performing any maintenance.

3. PACKAGE CONTENTS

Verify that all items are present in your package:

- CDP R-Smart 751 UPS Unit
- User Manual (this document)
- USB Communication Cable

4. PRODUCT OVERVIEW



Figure 4.1: Overall view of the CDP R-Smart 751 UPS.

4.1 Front Panel

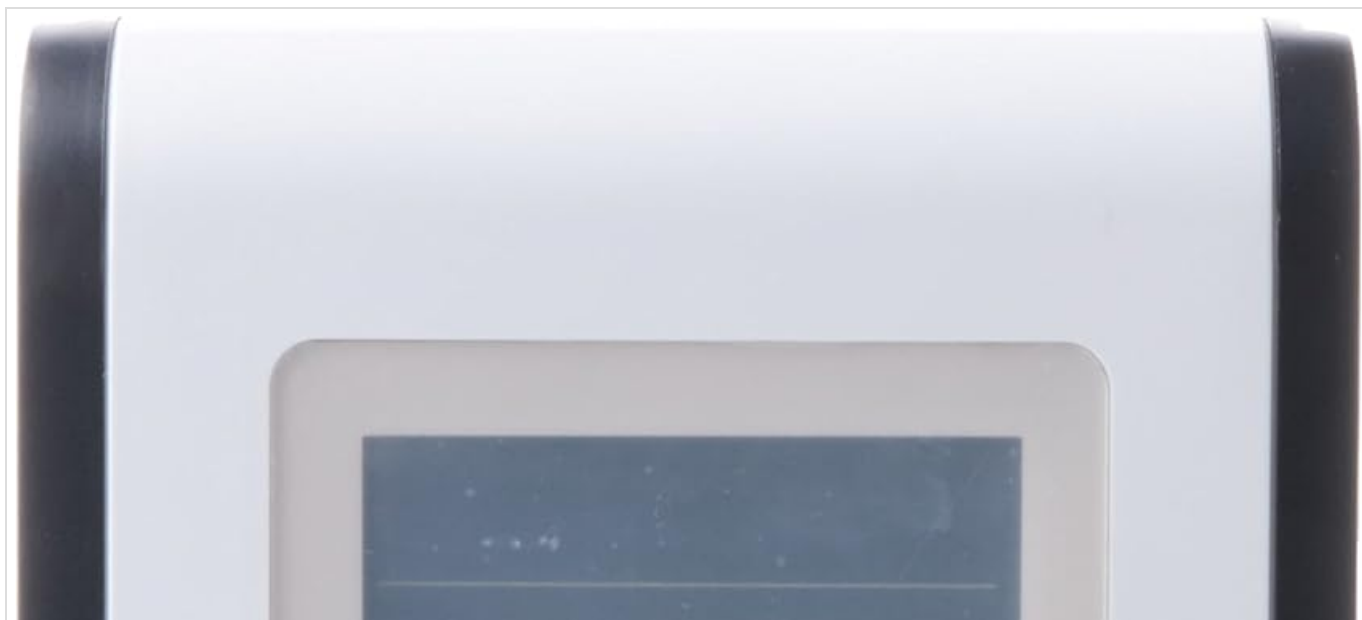




Figure 4.2: Front panel of the UPS.

- **LCD Display:** Shows real-time status information such as input/output voltage, battery level, load capacity, and various operational modes.
- **Power Button:** Used to turn the UPS on or off.

4.2 Rear Panel



Figure 4.3: Rear panel of the UPS.

- **Battery Backup & Surge Protected Outlets (AVR/Backup):** Provides battery power during outages and surge protection. Connect critical devices like computers, monitors, and modems here.
- **Surge Only Outlets:** Provides surge protection only. Connect non-critical devices like printers or scanners here.
- **USB Communication Port:** Connects to a computer for power management software communication.
- **Coax In/Out Ports:** Provides surge protection for coaxial cable connections (e.g., cable modem, TV).
- **Circuit Breaker:** Resettable overload protection.

4.3 LCD Display Details



Figure 4.4: Close-up of the LCD display.

The LCD display provides comprehensive information about the UPS status. Key indicators include:

- **Input Voltage:** Displays the incoming utility power voltage.
- **Output Voltage:** Displays the voltage supplied by the UPS to connected devices.
- **Battery Capacity:** Indicates the remaining battery charge level.
- **Load Capacity:** Shows the percentage of the UPS's capacity being used by connected devices.
- **Operational Mode:** Icons indicate if the UPS is on utility power, on battery, in AVR mode, or has an alarm.

5. SETUP

5.1 Placement

- Place the UPS on a flat, stable surface.
- Ensure adequate ventilation around the unit. Do not block ventilation openings.
- Avoid placing the UPS near water or in excessively humid environments.

5.2 Connecting Equipment

1. Plug the UPS power cord into a grounded wall outlet.
2. Connect your critical electronic devices (e.g., computer, monitor, modem) to the **Battery Backup & Surge Protected Outlets** on the rear panel.
3. Connect non-critical devices (e.g., printer, scanner) to the **Surge Only Outlets**.
4. If desired, connect the USB communication cable from the UPS's USB port to your computer's USB port to enable power management features and automatic shutdown.
5. For coaxial line protection, connect your incoming coaxial cable to the