APC BX1350M

APC Back-UPS Pro 1350VA UPS Battery Backup & Surge Protector BX1350M User Manual

Model: BX1350M

Introduction

This manual provides essential instructions for the installation, operation, maintenance, and troubleshooting of your APC Back-UPS Pro 1350VA Uninterruptible Power Supply (UPS). This device is designed to provide battery backup power and surge protection for electronic equipment, ensuring continuous operation during power outages and protection against damaging power fluctuations.

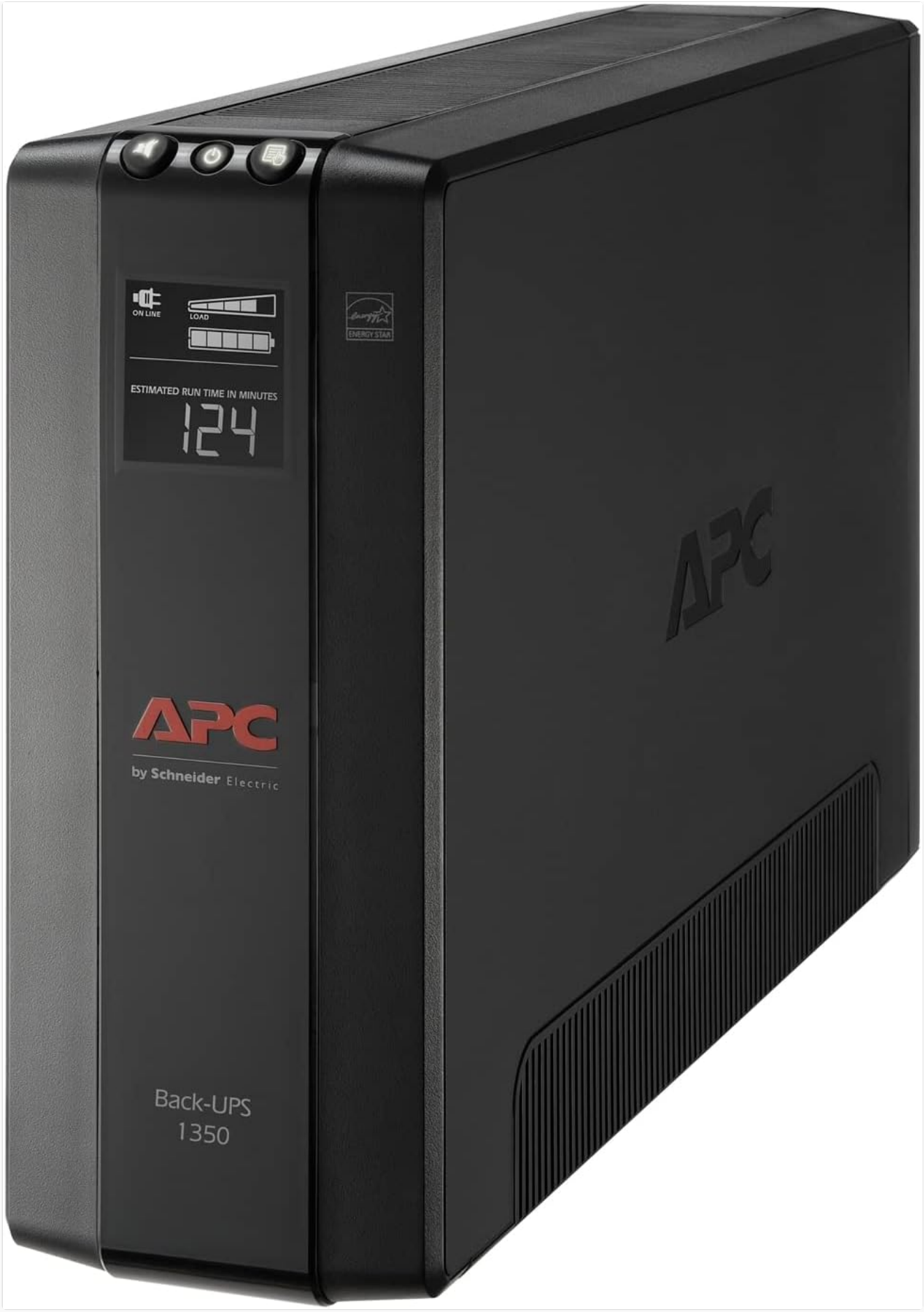


Figure 1: APC Back-UPS Pro 1350VA UPS, angled view.

Package Contents

Verify that your package contains the following items:

- APC Back-UPS Pro 1350VA UPS Unit
- User Manual (this document)
- USB Communication Cable
- Coaxial Cable

Setup

1. Initial Battery Connection

The UPS is shipped with the battery disconnected for safety during transit. Before initial use, the internal battery must be connected.

1. Place the UPS in its desired location. Ensure adequate ventilation around the unit.
2. Refer to the battery compartment access instructions (typically located on the bottom or rear of the unit) to connect the internal battery.
3. Close the battery compartment securely.

2. Connecting Equipment

The UPS features two types of outlets: Battery Backup & Surge Protection, and Surge Protection Only.

Figure 2: Rear panel with outlets and communication ports.

- **Battery Backup & Surge Protection Outlets (5 outlets):** Connect critical equipment such as your computer, monitor, external hard drives, and network router to these outlets. These devices will receive power from the battery during an outage.
- **Surge Protection Only Outlets (5 outlets):** Connect non-critical equipment like printers, scanners, or desk lamps to these outlets. These devices are protected from surges but will not receive battery power during an outage.

3. Connecting to Utility Power

Plug the UPS power cord into a grounded 120V AC wall outlet. Avoid using extension cords or surge protectors with the UPS.

4. Initial Charging

Allow the UPS to charge for at least 24 hours before connecting any equipment to ensure maximum battery runtime. The UPS will provide surge protection even if the battery is not fully charged.

5. Data Line Protection

For network dataline protection, connect your network cable from the wall outlet to the 'IN' port on the UPS, and then connect a second network cable from the 'OUT' port to your device (e.g., computer, router). Similarly, use the coaxial cable ports for cable modem or TV protection.

Operating the UPS

Front Panel Display and Controls

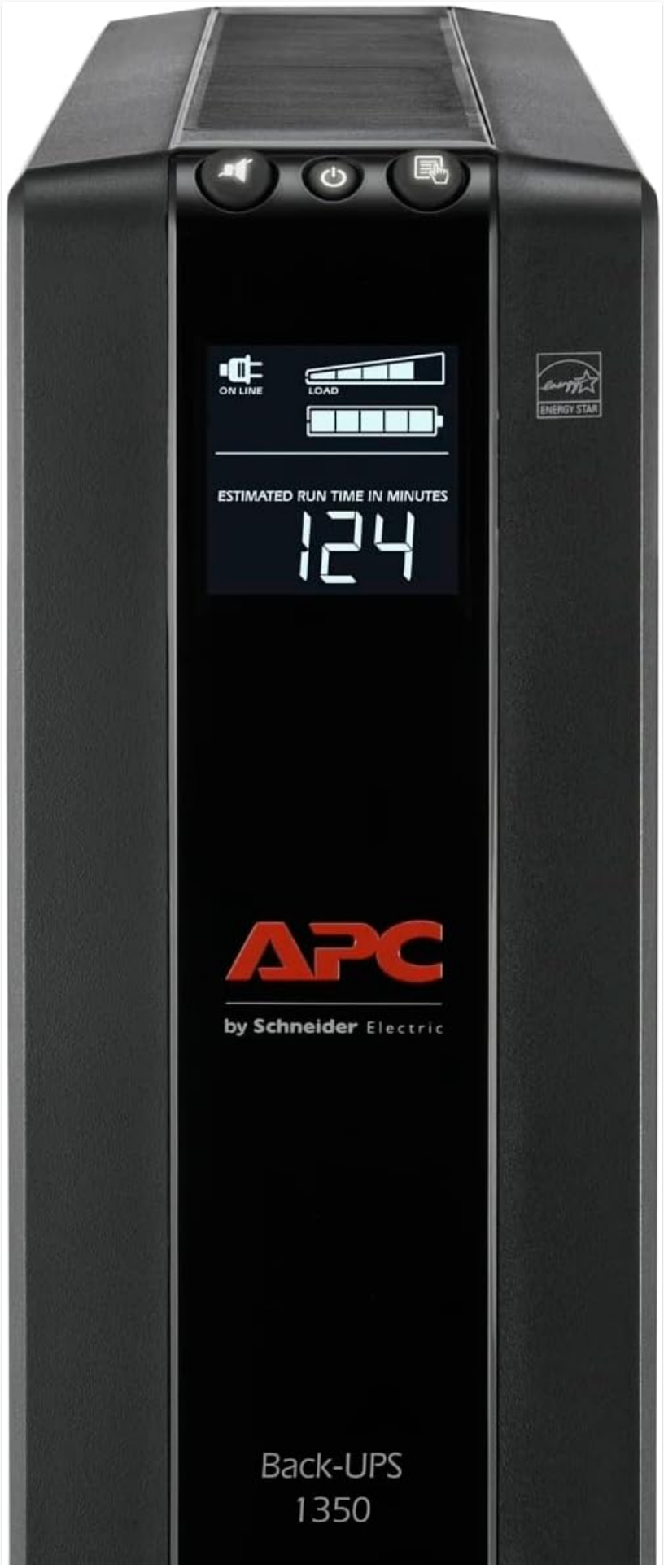


Figure 3: Front panel with LCD display and control buttons.

The front panel features an LCD display and control buttons for monitoring and managing the UPS.

- **Power Button:** Turns the UPS on or off.
- **Display Button:** Cycles through various display screens showing information such as battery charge, estimated runtime, input/output voltage, and load.
- **Mute Button:** Silences audible alarms.

Automatic Voltage Regulation (AVR)

The UPS is equipped with Automatic Voltage Regulation (AVR) to correct minor voltage fluctuations without switching to battery power. This extends battery life by reducing the frequency of battery usage.

PowerChute Software

For advanced management and automatic shutdown capabilities, connect the UPS to your computer using the provided USB cable. Download and install the PowerChute software from the APC website. This software allows you to:

- Monitor UPS status and power conditions.
- Configure automatic, graceful shutdown of your computer during extended power outages.
- View energy usage and cost.

For Mac OS, use native "Energy Saver" settings for UPS management.

Maintenance

Battery Replacement

The APC Back-UPS Pro 1350VA features a user-replaceable battery (model APCRBC123, sold separately). Batteries typically last 3-5 years depending on usage and environmental conditions. Replace the battery when the UPS indicates a battery fault or when runtime significantly decreases.

1. Turn off all connected equipment and the UPS.
2. Disconnect the UPS from the wall outlet.
3. Follow the instructions provided with the replacement battery for safe removal of the old battery and installation of the new one.
4. Recycle old batteries responsibly.

Cleaning

Periodically clean the exterior of the UPS with a soft, dry cloth. Do not use liquid cleaners or solvents. Ensure ventilation openings are free from dust and debris.

Troubleshooting

If the UPS is not operating correctly, consult the following table for common issues and solutions.

Problem	Possible Cause	Solution
UPS does not turn on	Battery not connected or low charge	Ensure battery is connected. Plug UPS into wall outlet and allow to charge for 24 hours.
UPS beeps continuously	On battery power, low battery, or overload	Check utility power. Reduce connected load. Allow battery to charge.
"Building Wiring Fault" indicator is lit	Wiring problem in wall outlet	Consult a qualified electrician to inspect the building wiring.
Short runtime	Battery is old or not fully charged	Allow battery to charge for 24 hours. Consider replacing the battery if it is old.

If problems persist after attempting these solutions, contact APC customer support.

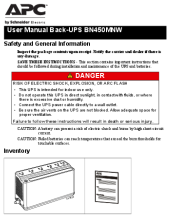
Specifications

Feature	Detail
Model Number	BX1350M
Capacity	1350VA / 810W
Input Voltage	120 Volts
Outlets	10 (5 Battery Backup & Surge Protection, 5 Surge Protection Only)
Battery Type	Sealed Lead Acid (User-replaceable: APCRBC123)
Network Dataline Protection	1 GB
Power Cord Length	6 feet (right-angle 3-prong plug NEMA 5-15P)
Dimensions (H x W x D)	19.3 x 13.6 x 9 inches
Weight	22.5 pounds
Color	Black
Certifications	Energy-Star Certified

Warranty and Support

For information regarding the manufacturer's warranty, please refer to the documentation included with your product or visit the official APC website. Extended protection plans may also be available for purchase.
For technical assistance or customer support, please visit the APC by Schneider Electric Store or contact APC customer service directly.

Related Documents - BX1350M

	[APC Smart-UPS Operation Manual: Installation, Safety, and Troubleshooting Guide] Official operation manual for APC Smart-UPS Uninterruptible Power Supply (UPS) units. Covers installation, safety, operation, configuration, and troubleshooting for models like SMT series. Provides essential power protection guidance.
	[APC Back-UPS BR1000G-IN / BR1500G-IN: Installation and Operation Manual] Comprehensive guide for installing and operating the APC Back-UPS BR1000G-IN and BR1500G-IN Uninterruptible Power Supply (UPS), covering specifications, connections, features, troubleshooting, and service.
	[APC Back-UPS Pro BR1000G Installation and Operation Guide] Comprehensive guide for installing and operating the APC Back-UPS Pro BR1000G, covering setup, features, safety, troubleshooting, and specifications. Learn how to connect equipment, manage power saving, and understand warnings.
	[APC Back-UPS BN450MNW User Manual: Installation, Operation, and Troubleshooting] Comprehensive user manual for the APC Back-UPS BN450MNW, covering safety, installation, specifications, operation, status indicators, troubleshooting, and warranty information. Learn how to protect your equipment from power outages and surges.

	[APC Back-UPS BX Series User Manual: Installation, Operation, and Troubleshooting] Comprehensive user manual for APC Back-UPS BX Series (500VA to 2200VA) from Schneider Electric, covering safety instructions, product description, operational features, installation, troubleshooting, service, and warranty information.
	[APC Back-UPS BX Series User Manual: Power & Surge Protection for Computers] Comprehensive user manual for APC Back-UPS BX Series (500VA to 2200VA). Learn about safety, installation, features, specifications, status indicators, and troubleshooting for reliable power protection.