APC BX750MI-FR

APC Back UPS 750VA BX750MI-FR User Manual

Uninterruptible Power Supply with Battery Backup and Surge Protection

1. Introduction

The APC Back UPS 750VA BX750MI-FR is an Uninterruptible Power Supply (UPS) designed to provide backup battery power and surge protection for your electronic devices. It safeguards connected equipment from power disruptions, surges, and spikes, ensuring stable operation and protecting valuable data. This manual provides essential information for the safe and efficient use of your UPS.

2. Safety Information

Please read and understand these safety instructions before installing or operating the UPS. Failure to follow these instructions may result in electric shock, fire, or serious injury.

- This UPS is intended for indoor use only. Do not operate it near water or in excessively humid environments.
- Connect the UPS power cable directly to a grounded wall outlet. Do not use extension cords or adapters.
- The battery within the UPS is not user-serviceable. Refer to qualified service personnel for battery replacement.
- Do not open the UPS enclosure. Hazardous voltages are present inside.
- Ensure proper ventilation around the UPS. Do not block ventilation openings.
- In case of fire, use a dry chemical fire extinguisher. Water can cause electric shock.

3. Package Contents

Verify that you have received all the following items in your package:

- APC Back UPS 750VA BX750MI-FR Unit
- User Manual
- USB Communication Cable
- Power Cord (attached to unit)

4. Product Overview

Front Panel

The front panel features the power button and status indicators.



Image: Front view of the APC Back UPS 750VA BX750MI-FR, showing the power button and status indicator light.

Rear Panel

The rear panel provides all the connection ports for your devices and the main power input.



Image: Rear view of the APC Back UPS 750VA BX750MI-FR, displaying the Data port, IN/OUT ports, Battery Connector, three FR sockets for battery backup and surge protection, and the Circuit Breaker.

- **Data Port (USB):** Connects the UPS to a computer for power management software communication.
- **IN/OUT Ports:** For network line protection (e.g., modem/router).
- **Battery Connector:** Yellow tab for connecting the internal battery.

- **FR Sockets:** Three outlets providing both battery backup and surge protection.
- **Circuit Breaker:** Resettable overload protection.

5. Setup

Follow these steps to set up your APC Back UPS:

1. **Unpack the UPS:** Carefully remove the UPS from its packaging. Inspect for any shipping damage.
2. **Connect the Battery:** The UPS is shipped with the battery disconnected for safety. Locate the yellow battery connector tab on the rear panel. Push the yellow tab firmly into the unit until it clicks into place.
3. **Connect to Wall Power:** Plug the UPS power cord directly into a grounded 230V wall outlet. Do not use surge protectors or extension cords.
4. **Initial Battery Charge:** Allow the UPS to charge for at least 10 hours before connecting any equipment to ensure full battery capacity. The UPS will charge whether it is turned ON or OFF.
5. **Connect Equipment:** Plug your electronic devices (computer, monitor, modem, router, etc.) into the FR sockets on the rear panel. These outlets provide both battery backup and surge protection.
6. **Connect Data Port (Optional):** For advanced power management features, connect the supplied USB cable from the UPS data port to your computer. Install the power management software (available from APC website) on your computer.



Image: Angled view of the APC Back UPS 750VA BX750MI-FR, showing its compact design suitable for placement near electronic equipment.

6. Operating Instructions

Powering On/Off

- **To Turn On:** Press the power button on the front panel. The indicator light will illuminate.
- **To Turn Off:** Press and hold the power button until the indicator light turns off.

Status Indicators

The front panel indicator light provides information about the UPS status:

- **Solid Green:** UPS is ON and providing power from the utility.
- **Flashing Green:** UPS is operating on battery power.
- **Solid Amber:** Battery is charging or UPS is in a fault condition. Refer to the troubleshooting section.

Automatic Voltage Regulation (AVR)

The UPS features Automatic Voltage Regulation (AVR) to protect connected devices by stabilizing incoming voltage levels. If the utility voltage is too high or too low, the UPS will automatically adjust it to a safe level without using battery power, thus preserving battery life for actual power outages.

Data Protection

The UPS offers 1GB data network protection through its IN/OUT ports. Connect your network cable through these ports to protect your modem, router, or other network devices from surges and spikes traveling through the data line.

7. Maintenance

Battery Care

The internal battery has a typical lifespan of 3-5 years. Factors such as ambient temperature and frequency of discharge cycles can affect battery life. Keep the UPS connected to AC power to ensure the battery remains fully charged.

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.

8. Troubleshooting

If you encounter issues with your UPS, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
UPS does not turn on	Battery not connected; No AC input power; Low battery charge	Ensure battery connector is fully inserted; Check wall outlet and power cord; Charge UPS for 10 hours.
UPS beeps continuously	UPS is on battery power; Overload condition	Save work and shut down devices; Reduce connected load by unplugging non-essential equipment.

Problem	Possible Cause	Solution
UPS does not provide expected runtime	Battery is old or not fully charged; Overload	Ensure battery is fully charged; Reduce connected load; Consider battery replacement if old.
Circuit breaker tripped	Overload condition	Unplug some equipment, then press the circuit breaker to reset.

If the problem persists after trying these solutions, please contact APC customer support.

9. Specifications

Key technical specifications for the APC Back UPS 750VA BX750MI-FR:

Feature	Specification
Model Number	BX750MI-FR
Capacity	750 VA / 410 Watts
Input Voltage	230 Volts
Output Voltage	230 Volts
Frequency Range	50Hz
Number of Outlets	3 (FR sockets with battery backup and surge protection)
Battery Type	Lead Acid
Typical Runtime (Half Load)	Approximately 14 minutes
Product Dimensions (D x W x H)	12D x 35.5W x 16H Centimetres
Product Weight	6.65 kg
Material	Metal, Plastic

10. Warranty and Support

APC products are backed by a limited warranty. For specific warranty terms and conditions, please refer to the warranty card included with your product or visit the official APC website. For technical support, troubleshooting assistance, or to inquire about service options, please contact APC customer support through their official channels.

Ask a question about this manual

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page's manual context to help answer it.

Name

Anonymous

Email

you@example.com

After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. Privacy details.

Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question