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APC BVK950M2

APC UPS 950VA Line Interactive Battery Backup User Manual

Model: BVK950M2 | Brand: APC

INTRODUCTION

The APC UPS 950VA Line Interactive Battery Backup, Model BVK950M2, is designed to provide reliable power protection for your electronic devices. This Uninterruptible Power Supply (UPS) ensures a consistent flow of power and offers surge protection, safeguarding your desktop computer, peripherals, and other home and business electronics from power fluctuations and outages. Key features include Automatic Voltage Regulation (AVR), USB charging ports, and compatibility with power management software for enhanced control.



Figure 1: Angled view of the APC UPS 950VA Line Interactive Battery Backup.

SETUP

Before initial use, ensure the UPS is fully charged. It is recommended to charge the unit for at least 10 hours to ensure optimal battery performance. Connect your devices to the appropriate outlets on the rear of the UPS. The compact design allows for flexible placement, fitting neatly under most desks or in designated equipment areas.

- **Initial Charging:** Plug the UPS into a standard wall outlet and allow it to charge for approximately 10 hours before connecting any devices.
- **Connecting Devices:** Utilize the six NEMA 5-15R outlets on the rear for devices requiring battery backup and surge protection.
- **Placement:** Position the UPS in a well-ventilated area, ensuring adequate space around the unit for airflow.



Figure 2: Front view of the APC UPS, highlighting the power button and USB ports.



Figure 3: The APC UPS integrated into a home office setup.

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Video 1: An overview of the APC BVK UPS, demonstrating its features and typical usage scenarios. (Duration: 0:47)

OPERATING

The APC UPS BVK950M2 is designed for user-friendly operation, providing essential power management features.

- **Power Button:** The single power button controls the unit. A short press can also adjust LED brightness.
- **USB Charging Ports:** Two USB charging ports (one Type-C and one Type-A, 5V, 2A per port) are available on the front for convenient charging of mobile devices.
- **Automatic Voltage Regulation (AVR):** The UPS automatically corrects minor voltage fluctuations (sags and surges) without switching to battery power, preserving battery life and ensuring stable power delivery.
- **Auto-Restart:** After a complete battery discharge and subsequent restoration of main power, the UPS will automatically restart connected equipment.
- **Power Management Software:** For Windows PCs, the free PowerChute software enables graceful shutdown of connected computers, energy management, and monitoring of UPS status. Mac OS users can utilize native 'Energy Saver' settings.
- **Network Protection:** The unit includes surge-protected 1 Gb dataline ports to safeguard network connections.

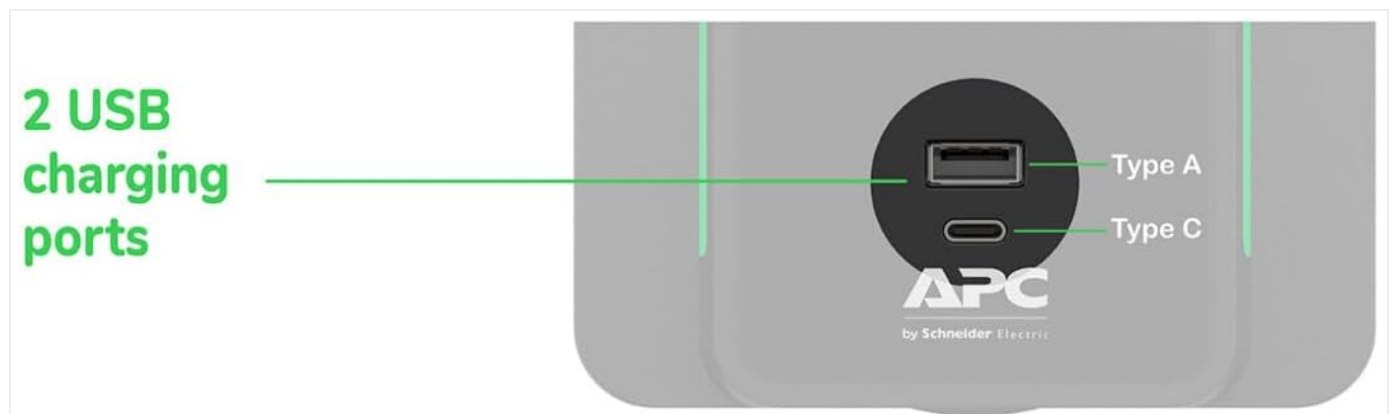


Figure 4: Detail of the USB Type-A and Type-C charging ports.



Figure 5: Rear view displaying power outlets and data ports.

Proper maintenance ensures the longevity and optimal performance of your APC UPS.

- **Battery Care:** Keep the UPS connected to AC power to ensure the battery remains charged. Regular discharge and recharge cycles (e.g., once every 3-6 months) can help maintain battery health.
- **Cleaning:** Periodically clean the exterior of the unit with a dry cloth. Ensure ventilation openings are free from dust and debris to prevent overheating. Do not use liquid or aerosol cleaners.
- **Environmental Conditions:** Operate the UPS within its specified temperature and humidity ranges. Avoid placing it near heat sources or in direct sunlight.

TROUBLESHOOTING

If you encounter issues with your APC UPS, refer to the following common troubleshooting tips:

- **UPS Not Turning On:** Ensure the power cord is securely plugged into a working wall outlet and the UPS. Verify the battery connector is fully engaged (yellow tab).
- **Constant Beeping:** A continuous beep typically indicates the UPS is running on battery power due to a power outage or severe voltage fluctuation. If the power is stable, check connected devices' load.
- **Short Beeps (every 30 seconds):** This usually signifies low battery capacity. Save your work and shut down connected equipment.
- **No Power to Outlets:** Check the circuit breaker on the rear of the UPS (if applicable) and reset if tripped. Ensure devices are plugged into the battery backup outlets, not just surge-only outlets.
- **Software Communication Issues:** If PowerChute software is not communicating with the UPS, ensure the USB data cable is securely connected to both the UPS and the computer. Reinstall the software if necessary.

For more detailed troubleshooting steps, please consult the official User Guide PDF available via the link in the 'Warranty & Support' section.

SPECIFICATIONS

Model Number	BVK950M2
Capacity	950VA / 480W
Output Outlets	6 x NEMA 5-15R (Battery Backup & Surge Protection)
USB Charging Ports	1 x Type-C, 1 x Type-A (5V, 2A total)
Data Line Protection	1 Gb Ethernet (RJ45)
Battery Type	Sealed Lead Acid
Dimensions (HxWxD)	6.3 x 4.72 x 13.98 inches (16 x 12 x 35.5 cm)
Weight	15.45 pounds (7.01 kg)
Color	Black
Country of Origin	Vietnam

WARRANTY & SUPPORT

The APC UPS BVK950M2 comes with a **2-Year Repair or Replace Warranty** via APC Support. For warranty claims or technical assistance, please contact APC customer support.

For comprehensive information, including detailed installation instructions, advanced features, and troubleshooting guides, please refer to the official User Guide PDF:

[Download Official User Guide
\(PDF\)](#)

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

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