MARBERO M270

MARBERO Portable Power Station M270 User Manual

Model: M270

1. Product Overview

The MARBERO Portable Power Station M270 is a versatile and compact power solution designed for various applications, including camping, home emergencies, outdoor activities, and professional use. With a capacity of 150Wh/40,540mAh (3.7V), it can efficiently power a wide range of electronic devices. Its multi-output design, integrated LED flashlight, and multiple recharging options make it an essential tool for staying connected and powered in any situation.



Figure 1: MARBERO Portable Power Station M270. This compact device provides reliable power on the go.

2. Package Contents

Upon unboxing your MARBERO Portable Power Station M270, please ensure all the following items are included:

- 1 x MARBERO Portable Power Station 150Wh M270
- 1 x Power Adapter (DC 19V 2A)
- 1 x Car Cigarette Lighter Input Cable
- 1 x 12V Car Charger Output Cable
- 1 x User Manual

3. Product Features

The M270 is equipped with multiple features to enhance its utility and user experience:

- **Sufficient Capacity:** 150Wh/40,540mAh (3.7V) battery capacity. Can fully charge a mobile phone approximately 24 times, a laptop 3 times, and power a CPAP machine for 3 to 3.5 hours.
- **Multi-Outputs:**
  - 3 x USB ports (5V/2.1A Max)
  - 1 x QC3.0 USB port (4V-9V/2.1A Max)
  - 4 x DC 55*21 ports (5-12V/10A with 15A MAX)
  - 1 x AC output socket (100W with 150W peak)
- **Pro Flashlight:** 2 built-in LED flashlights with 2 lighting modes (steady light and flashing SOS light).
- **Battery Management System (BMS):** Ensures voltage control, temperature control, and advanced safety features, including automatic shut-off for short circuit or overpower.
- **Efficient Heat Dissipation:** Designed with cooling vents on the back to maintain optimal operating temperature.
- **Portable Design:** Compact and lightweight (2.9 pounds) with a foldable handle for easy transport.



Figure 2: Detailed diagram of the MARBERO Power Station M270's features, including port types and indicators.

4. Setup and Charging

Before first use, it is recommended to fully charge your power station. The M270 offers three convenient recharging methods:

1. **Wall Outlet Charging:** Connect the provided power adapter to the DC IN port on the power station and plug it into a standard wall outlet. A full charge typically takes 6-7 hours.
2. **Car Adapter Charging:** Use the provided car cigarette lighter input cable to charge the power station from your vehicle's 12V car adapter. Ensure your car engine is running during charging. A full charge typically takes 8 hours.
3. **Solar Panel Charging (Not Included):** The power station can be recharged using a compatible solar panel (15V-24V/1.2A, not included). Connect the solar panel to the DC IN port. Charging time varies depending on solar intensity, typically 6-7 hours in direct sunlight.



Figure 3: Illustration of the three recharging methods for the power station: solar panel, wall adapter, and 12V car charger.

Video: MARBERO Power Station M270 Overview

Your browser does not support the video tag.

Video 1: An official overview of the MARBERO Power Station M270, demonstrating its features and capabilities.

5. Operating Instructions

The power station is designed for intuitive operation. Follow these steps to power your devices:

1. **Powering On/Off:** Press and hold the power button on the top of the unit to turn the power station on or off. The battery indicator lights will illuminate when powered on.
2. **Using USB Ports:** Plug your USB-compatible devices (smartphones, tablets, cameras, etc.) into any of the 3 standard USB ports or the 1 QC3.0 USB port.



Figure 4: The power station can charge multiple USB devices simultaneously, including smartphones, tablets, and laptops.

3. **Using DC Ports:** Connect your DC-compatible devices (mini-fans, camping lights, car vacuums, etc.) to any of the 4 DC 55*21 ports.



Figure 5: Four DC outlets are available for powering devices like mini-fridges, car vacuums, and camp lanterns.

4. **Using AC Outlet:** For devices requiring AC power (up to 100W continuous, 150W peak), plug them into the AC output socket. Press the AC power button next to the outlet to activate it.



Figure 6: The AC outlet can power small home appliances such as projectors, juicers, and fans.



Figure 7: Ideal for essential home appliances like humidifiers, speakers, and CPAP machines during power outages.

5. **Using the LED Flashlight:** The power station features two built-in LED flashlights on its side. Press the LED flashlight switch to toggle between steady light and flashing SOS light modes.



Figure 8: The integrated LED flashlight provides illumination for various situations, enhancing portability.

6. Maintenance

To ensure the longevity and optimal performance of your MARBERO Portable Power Station M270, please follow these

maintenance guidelines:

- **Storage:** Store the power station in a cool, dry place away from direct sunlight and extreme temperatures.
- **Cleaning:** Use a soft, dry cloth to clean the exterior of the unit. Do not use abrasive cleaners or immerse the unit in water.
- **Battery Care:** For long-term storage, it is recommended to charge the power station to about 50-80% every 3-6 months to maintain battery health.
- **Ventilation:** Ensure the cooling vents on the back of the unit are not obstructed to allow for efficient heat dissipation.



Figure 9: Internal view showing the efficient heat dissipation system and Battery Management System (BMS) for enhanced safety.

7. Troubleshooting

If you encounter any issues with your power station, please refer to the following common troubleshooting tips:

- **Unit Not Turning On:** Ensure the battery is charged. Connect to a power source and allow it to charge for a few minutes before attempting to power on again.
- **Devices Not Charging:**
  - Check if the power station is turned on.
  - Verify that the specific output (USB, DC, AC) is activated (e.g., AC button pressed for AC output).
  - Ensure the device you are trying to charge is compatible with the output voltage/wattage.
  - Check if the device's power consumption exceeds the power station's output limit (100W continuous, 150W peak for AC).
- **Automatic Shut-off:** The power station is equipped with a Battery Management System (BMS) that automatically shuts off power in cases of short circuit or overpower to protect itself and connected devices. Reduce the load or check for short circuits.
- **Overheating:** If the unit feels excessively hot, ensure the cooling vents are clear of obstructions. Allow the unit to cool down before continued use.

For persistent issues or further assistance, please contact MARBERO customer service.

8. Specifications

Attribute	Value
Brand	MARBERO
Model Name	M270
Wattage	150 Watt-hours
Fuel Type	Electric
Power Source	Solar Powered, Battery Powered, AC Powered
Item Weight	2.9 Pounds (1.32 kg)
Voltage	110 Volts (AC)
Output Wattage	150W (Peak) / 100W (Running)
Special Feature	Portable, Foldable Handle, LED Flashlight, AC Outlet, Multi-Output
Product Dimensions	7.25"L x 4.31"W x 4.66"H (18.4cm x 10.9cm x 11.8cm)
Material	ABS
Total Power Outlets	9 (3xUSB, 1xQC3.0 USB, 4xDC, 1xAC)
Frequency	60 Hz

Attribute	Value
Batteries	1 Lithium Ion battery required (included)



Figure 10: Physical dimensions of the MARBERO Portable Power Station M270.

9. Warranty and Support

Your MARBERO Portable Power Station M270 comes with a **12-month warranty** from the date of purchase. For any questions, concerns, or technical assistance, please do not hesitate to contact our customer service team. We offer **7*24 hours prompt and friendly customer service** to ensure your satisfaction.

Please refer to the contact information provided in your product packaging or on the official MARBERO website for support details.

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