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› [MARBERO](#) /

› MARBERO M60 Portable Power Bank User Manual

MARBERO M60

MARBERO M60 Portable Power Bank User Manual

Model: M60

1. INTRODUCTION

The MARBERO M60 Portable Power Bank is a versatile and high-capacity power solution designed for charging various electronic devices, especially in outdoor, travel, and emergency situations. It integrates a 22500mAh battery with multiple fast-charging outputs, a bright LED flashlight, and unique hand-cranked power generation capabilities.

This manual provides essential information for the safe and efficient use of your MARBERO M60 Portable Power Bank. Please read it thoroughly before operation and retain it for future reference.



Image 1.1: The MARBERO M60 Portable Power Bank, a compact and robust power solution.

2. SAFETY INSTRUCTIONS

To ensure safe operation and prolong the lifespan of your device, please observe the following safety precautions:

- Do not expose the power bank to extreme temperatures (above 45°C or below -10°C), direct sunlight, or high humidity.
- Avoid dropping, puncturing, or disassembling the device. Unauthorized repairs can void the warranty and pose safety risks.
- Keep the power bank away from water and flammable liquids.
- Use only certified charging cables and adapters.
- Keep out of reach of children.
- Do not operate the device if it has been damaged or modified.

- Dispose of the power bank according to local regulations for electronic waste.

3. PRODUCT OVERVIEW

Familiarize yourself with the components of your MARBERO M60 Portable Power Bank:

KEY INTRODUCTION



- | | |
|--|---------------------------------|
| ① Battery indicator | ⑥ Led light panel switch |
| ② Power switch | ⑦ Power indicator of hank crank |
| ③ 5V/2A, 9V/2A (18W, QC3.0 Input) | ⑧ Flashlight switch |
| ④ 5V/2A, 9V/2A, 12V/1.5A (18W, QC3.0 Output) | ⑨ Ultra bright LED light panel |
| ⑤ USB C (18W, PD3.0 Input/Output) | ⑩ Hank crank |

Image 3.1: Key components of the MARBERO M60 Portable Power Bank.

1. **Battery Indicator:** Displays the current charge level of the power bank.
2. **Power Switch:** Turns the device on/off and controls flashlight/light panel.
3. **QC 18W Input:** Micro USB port for charging the power bank.
4. **QC 18W Output:** USB-A ports for charging external devices.
5. **USB-C (PD 18W Input/Output):** USB Type-C port for both charging the power bank and charging external devices.

6. **LED Light Panel Switch:** Activates and adjusts the brightness of the LED light panel.
7. **Power Indicator of Hand Crank:** Indicates when power is being generated via hand crank.
8. **Flashlight Switch:** Activates and adjusts the modes of the front LED flashlight.
9. **Ultra Bright LED Light Panel:** Provides area illumination.
10. **Hand Crank:** Manual power generation mechanism.

4. SETUP

Before first use, it is recommended to fully charge your MARBERO M60 Portable Power Bank.

4.1 Charging the Power Bank

The MARBERO M60 offers multiple ways to recharge:

- **Via Micro USB (QC3.0):** Connect a Micro USB cable to the QC 18W Input port and a compatible USB wall adapter.
- **Via USB-C (PD3.0):** Connect a USB-C to USB-C cable to the USB-C port and a compatible USB-C PD wall adapter.
- **Via Hand Crank:** Extend the hand crank and rotate it clockwise at approximately 180 RPM to generate power. The power indicator will illuminate. This method is primarily for emergency power generation.
- **Via Solar Panel (Not Included):** The device is compatible with external solar panels (sold separately). Connect a compatible solar panel to the appropriate input port (usually USB-C or Micro USB, depending on the solar panel's output).

The battery indicator lights will show the charging progress. All lights will be solid when fully charged.



Image 4.1: Various methods for recharging the MARBERO M60 Power Bank.

5. OPERATING INSTRUCTIONS

5.1 Charging External Devices

1. Ensure the power bank is sufficiently charged.
2. Connect your device's charging cable to one of the output ports on the MARBERO M60 (USB-A QC 18W or USB-C PD 18W).
3. Connect the other end of the cable to your device.
4. The power bank will automatically begin charging your device. The battery indicator will show the remaining power.

The MARBERO M60 supports fast charging for compatible devices via its QC3.0 USB-A ports and PD3.0 USB-C port. Multiple devices can be charged simultaneously.



Image 5.1: The MARBERO M60 Power Bank actively charging a smartphone.

5.2 Using the LED Flashlight

The MARBERO M60 features a powerful front-facing LED flashlight:

- **To Turn On/Off:** Press the Flashlight Switch once.
- **To Change Brightness/Modes:** Press the Flashlight Switch repeatedly to cycle through 3 brightness levels and an SOS signal mode.

Bright Flashlights Will Be Your Perfect Partner

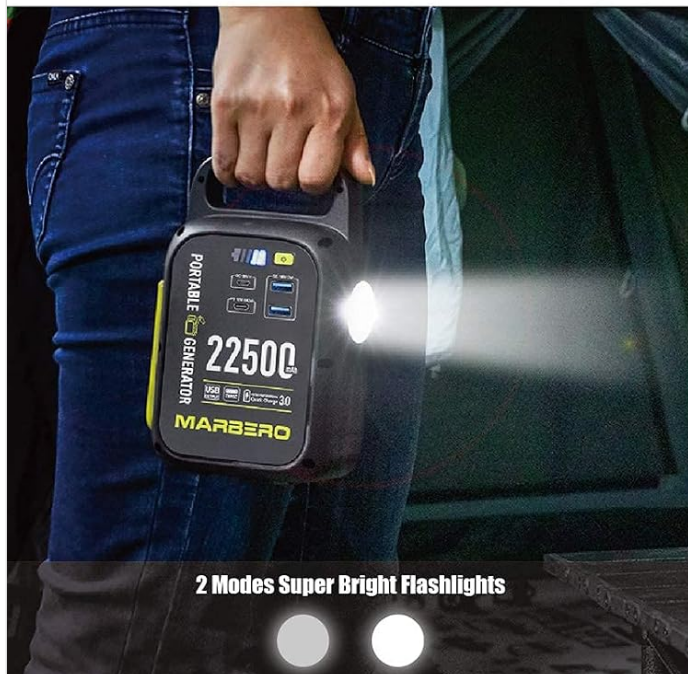


Image 5.2: The MARBERO M60's LED flashlight with multiple modes, including SOS.

5.3 Using the LED Light Panel

The side LED light panel provides broader illumination:

- **To Turn On/Off:** Press the LED Light Panel Switch once.
- **To Change Brightness:** Press the LED Light Panel Switch repeatedly to cycle through 3 brightness levels.

5.4 Hand-Crank Power Generation

In situations where no other charging source is available, the hand crank can generate emergency power:

- Extend the hand crank from the side of the device.
- Rotate the crank clockwise at a steady pace, aiming for approximately 180 revolutions per minute (RPM).
- The power indicator for the hand crank will light up, confirming power generation.

This method is intended for emergency use to provide minimal power for essential functions like the flashlight or a small

charge to a phone.

6. MAINTENANCE

- **Cleaning:** Use a soft, dry cloth to clean the exterior of the power bank. Do not use harsh chemicals or abrasive materials.
- **Storage:** Store the power bank in a cool, dry place away from direct sunlight and extreme temperatures.
- **Long-Term Storage:** If the power bank will not be used for an extended period, recharge it every 3-6 months to maintain battery health.
- **Battery Care:** Avoid fully discharging the battery frequently, as this can reduce its overall lifespan.

7. TROUBLESHOOTING

Problem	Possible Cause	Solution
Power bank not charging external device.	Low power bank battery; Faulty cable; Device incompatibility.	Recharge power bank; Try a different cable; Ensure device is compatible with USB charging.
Power bank not recharging.	Faulty input cable/adaptor; Input port issue.	Try a different charging cable and wall adapter; Ensure connections are secure.
Flashlight/Light panel not working.	Power bank is off; Low battery.	Ensure power bank is on; Recharge the power bank.
Hand crank not generating power.	Cranking too slowly or inconsistently.	Rotate the hand crank at a steady pace, approximately 180 RPM.

8. SPECIFICATIONS

- **Model:** M60
- **Battery Capacity:** 22500mAh / 83.25Wh
- **Input (Micro USB):** QC3.0, up to 18W
- **Input (USB-C):** PD3.0, up to 18W
- **Output (USB-A):** 2x QC3.0, up to 18W each
- **Output (USB-C):** PD3.0, up to 18W
- **Hand Crank Power Generation:** Approximately 5W at 180 RPM
- **LED Flashlight:** 3 brightness levels + SOS mode
- **LED Light Panel:** 3 brightness levels
- **Dimensions:** 18.14 x 11.81 x 6.43 cm
- **Weight:** 820 g
- **Protection:** Short circuit, Overload, Over temperature
- **What's in the Box:** MARBERO M60 Portable Power Bank, Charging Cable

9. WARRANTY AND SUPPORT

For warranty information, please refer to the documentation included with your purchase or contact MARBERO customer support directly. Warranty terms and conditions may vary by region and retailer.

If you encounter any issues or have questions regarding your MARBERO M60 Portable Power Bank, please contact MARBERO customer support for assistance. Contact details can typically be found on the product packaging or the official MARBERO website.

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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

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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