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› MARBERO Portable Power Station 100W and 10000mAh Power Bank User Manual

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MARBERO Portable Power Station 100W and 10000mAh Power Bank User Manual

Model: Portable Power Station 100W and 10000mAh Power Bank

1. INTRODUCTION

This manual provides essential instructions for the safe and efficient operation of your MARBERO Portable Power Station 100W and 10000mAh Power Bank. Please read this manual thoroughly before using the product and retain it for future reference.

The MARBERO Portable Power Station is designed to provide reliable power for various electronic devices, making it suitable for outdoor activities, emergency backup, and home use. The accompanying 10000mAh Power Bank offers additional portable charging for smaller devices.

2. SAFETY INSTRUCTIONS

- Do not disassemble, repair, or modify the unit.
- Do not expose the product to fire, water, or extreme temperatures.
- Avoid dropping or subjecting the product to strong impacts.
- Keep out of reach of children.
- Use only approved accessories and charging cables.
- Ensure proper ventilation during use and charging.
- Dispose of the product according to local regulations.

3. PACKAGE CONTENTS

Please check that all items are present in your package:

- MARBERO Portable Power Station 100W
- MARBERO 10000mAh Power Bank
- AC Power Adapter

- Car Charger Cable
- MC4 Connectors (for solar panel connection, solar panel sold separately)
- User Manual (this document)

4. PRODUCT FEATURES AND COMPONENTS

The MARBERO Portable Power Station and Power Bank offer multiple output ports for versatile charging.



Image 1: Overview of the MARBERO Portable Power Station and the included 10000mAh Power Bank.

4.1. Portable Power Station

The power station features a 167Wh (45000mAh) capacity and multiple output options:

- **AC Outlets:** Two 110V/60Hz AC ports, rated at 100W.
- **USB Ports:** Two standard USB ports (5V/2.1A) and one QC3.0 USB port (5V-9V/2A).
- **USB-C Port:** One USB-C port (5V-9V/2A, QC3.0).
- **DC Ports:** Two DC ports (12V-16.6V/10A).
- **LED Flashlight:** Integrated for illumination.

8 Output Ports

Fast Charging 8 Devices Simultaneously



2* AC



2* USB

5V-3.1A
QC3.0



1* USB

5V/9V 2.1A



1* USB-C

5V/9V 2.1A



2* DC

12V~16.6V 10A
10A(13A MAX)



Image 2: Detailed view of the power station's output ports, including AC, USB, USB-C, and DC ports.

4.2. 10000mAh Power Bank

The compact power bank provides a 10,000mAh battery capacity for charging mobile devices.

- **USB-A Outputs:** Two USB-A ports (5V/2.1A) for charging devices.
- **USB-C Input:** One USB-C port (5V/2A) for recharging the power bank itself. This port does not provide output to other devices.
- **LCD Display:** Shows remaining battery percentage.

UNIVERSAL COMPATIBILITY

Charge multiple devices at once



Image 3: The 10000mAh power bank, highlighting its compact size, LCD display, USB-A output ports, and USB-C input port.

5. SETUP

5.1. Initial Charging

Before first use, it is recommended to fully charge both the Portable Power Station and the 10000mAh Power Bank.

- **Power Station:** Connect the included AC power adapter to the power station's input port and plug it into a standard 110V AC wall socket. The display will indicate charging status. Full charge typically takes 7-8 hours.
- **Power Bank:** Connect a USB-C cable (not included) to the power bank's USB-C input port and to a suitable USB power source. The LCD display will show charging progress.

6. OPERATING INSTRUCTIONS

6.1. Using the Portable Power Station

To power or charge your devices:

1. **Turn On:** Press the main power button to activate the power station. The display will illuminate.
2. **Connect Devices:**
 - For AC devices, plug them into the 110V AC outlets.
 - For USB devices, plug them into the standard USB or QC3.0 USB ports.
 - For USB-C compatible devices, use the USB-C output port.
 - For DC devices, use the 12V-16.6V DC ports.
3. **LED Flashlight:** Press the dedicated flashlight button to turn it on or cycle through modes (if applicable).
4. **Turn Off:** Press and hold the main power button to turn off the power station when not in use to conserve battery.

6.2. Using the 10000mAh Power Bank

To charge your mobile devices:

1. **Turn On:** Press the power button on the power bank. The LCD display will show the battery percentage.
2. **Connect Devices:** Plug your device's charging cable into one of the two USB-A output ports (5V/2.1A).
3. **Charging Multiple Devices:** The power bank can charge two devices simultaneously via its USB-A ports.
4. **Automatic Shut-off:** The power bank may automatically turn off when charging is complete or if no device is connected for a period.

6.3. Recharging the Portable Power Station

The power station can be recharged using three methods:

3 Ways to Recharge

Charge from **0-80%**



SOLAR PANEL
3 HRS



12V CAR OUTLET
3 HRS



WALL OUTLET
2 HRS



Image 4: Visual representation of the three recharging methods for the power station.

1. **AC Wall Socket:** Connect the included AC power adapter to the power station and a standard 110V AC wall outlet. Full charge takes approximately 7-8 hours.
2. **Solar Panel:** Connect a compatible solar panel (DC 16.6-25V/1.5A Max, sold separately) to the power station's input using the included MC4 connectors. Charging time varies based on sunlight intensity.
3. **Car Lighter Outlet:** Use the included car charger cable to connect the power station to your vehicle's 12V lighter outlet.

6.4. Recharging the 10000mAh Power Bank

The power bank is recharged via its USB-C input port (5V/2A). Connect a USB-C cable to a USB power source (e.g., wall adapter, computer USB port).

7. MAINTENANCE

7.1. Storage

Store the power station and power bank in a cool, dry place away from direct sunlight, moisture, and corrosive materials. For optimal battery health during long-term storage, it is recommended to charge the power station at least once every 3 months.



Image 5: Internal components of the power station, illustrating its construction and highlighting recommended standby charging intervals.

7.2. Cleaning

Use a soft, dry cloth to clean the exterior of the devices. Do not use liquid cleaners or immerse the products in water.

8. TROUBLESHOOTING

If you encounter issues with your MARBERO Portable Power Station or Power Bank, refer to the following common solutions:

- **Device not charging from Power Station/Power Bank:**

- Ensure the power station/power bank is turned on and has sufficient charge.
- Check all cable connections to ensure they are secure.
- Verify that the device being charged is compatible with the output port (voltage/current).
- Try a different charging cable or port.

- **Power Station/Power Bank not recharging:**

- Ensure the charging adapter/cable is properly connected to both the unit and the power source.
- Verify the power source (wall outlet, car outlet, solar panel) is functional.
- For solar charging, ensure the solar panel is in direct sunlight and correctly connected via MC4 connectors.

- **Overload Protection:** If the power station detects an overload, it may shut down. Disconnect the overloaded device and restart the power station.

9. SPECIFICATIONS

Feature	Specification
Portable Power Station	
Battery Capacity	167Wh (45000mAh)
AC Output	2 x 110V/60Hz, Rated 100W
USB Output	2 x 5V/2.1A, 1 x QC3.0 (5V-9V/2A)
USB-C Output	1 x 5V-9V/2A (QC3.0)
DC Output	2 x 12V-16.6V/10A
AC Recharging Time	Approx. 7-8 hours
Solar Input	DC 16.6-25V/1.5A Max
Dimensions	Approx. 8.26in x 3.54in x 7.48in
Weight	Approx. 3.61 lbs
10000mAh Power Bank	
Battery Capacity	10000mAh
USB-A Output	2 x 5V/2.1A
USB-C Input	1 x 5V/2A (Input only)
Dimensions	Approx. 5.78in x 2.68in x 0.62in

Lightweight and Easy to Carry

Ease your Burden Along the Way



Image 6: Dimensions and weight of the Portable Power Station.

10. WARRANTY AND SUPPORT

For warranty information or technical support, please contact MARBERO customer service through the retailer where the product was purchased or visit the official MARBERO website. Please have your product model and purchase details ready when contacting support.

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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.

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