

## MARBERO M822MAX

# MARBERO M822MAX 172Wh Portable Solar Generator with 40W Solar Panel Instruction Manual

Your comprehensive guide to operating and maintaining your MARBERO M822MAX Portable Power Station and 40W Solar Panel.

## 1. INTRODUCTION

Thank you for choosing the MARBERO M822MAX Portable Solar Generator with 40W Solar Panel. This powerful and versatile kit provides reliable electricity for your outdoor adventures, camping trips, road trips, and as an emergency backup power source at home. Designed for portability and efficiency, this manual will guide you through the setup, operation, and maintenance of your new solar generator system.

The MARBERO M822MAX Portable Power Station, paired with the MARBERO 40W Solar Panel, ensures you have access to power wherever you go, keeping your devices charged and your essential equipment running.

## 2. IMPORTANT SAFETY INFORMATION

**Please read all safety instructions carefully before using this product. Failure to follow these instructions may result in electric shock, fire, or serious injury.**

- Do not disassemble, repair, or modify the unit.
- Keep the unit away from fire or direct heat sources.
- Avoid exposure to water or high humidity.
- Do not use or store the unit in high temperatures or direct sunlight.
- Keep out of reach of children and pets.
- Ensure proper ventilation during use to prevent overheating.
- Use only original or certified accessories and charging cables.
- The solar panel is equipped with a smart chip to prevent overcharging and overloading, but always monitor

charging.

### 3. PRODUCT OVERVIEW

#### 3.1. MARBERO M822MAX Portable Power Station

The MARBERO M822MAX is a compact and lightweight portable power station designed for ease of transport and versatile power delivery. It features multiple output ports to charge various devices simultaneously.

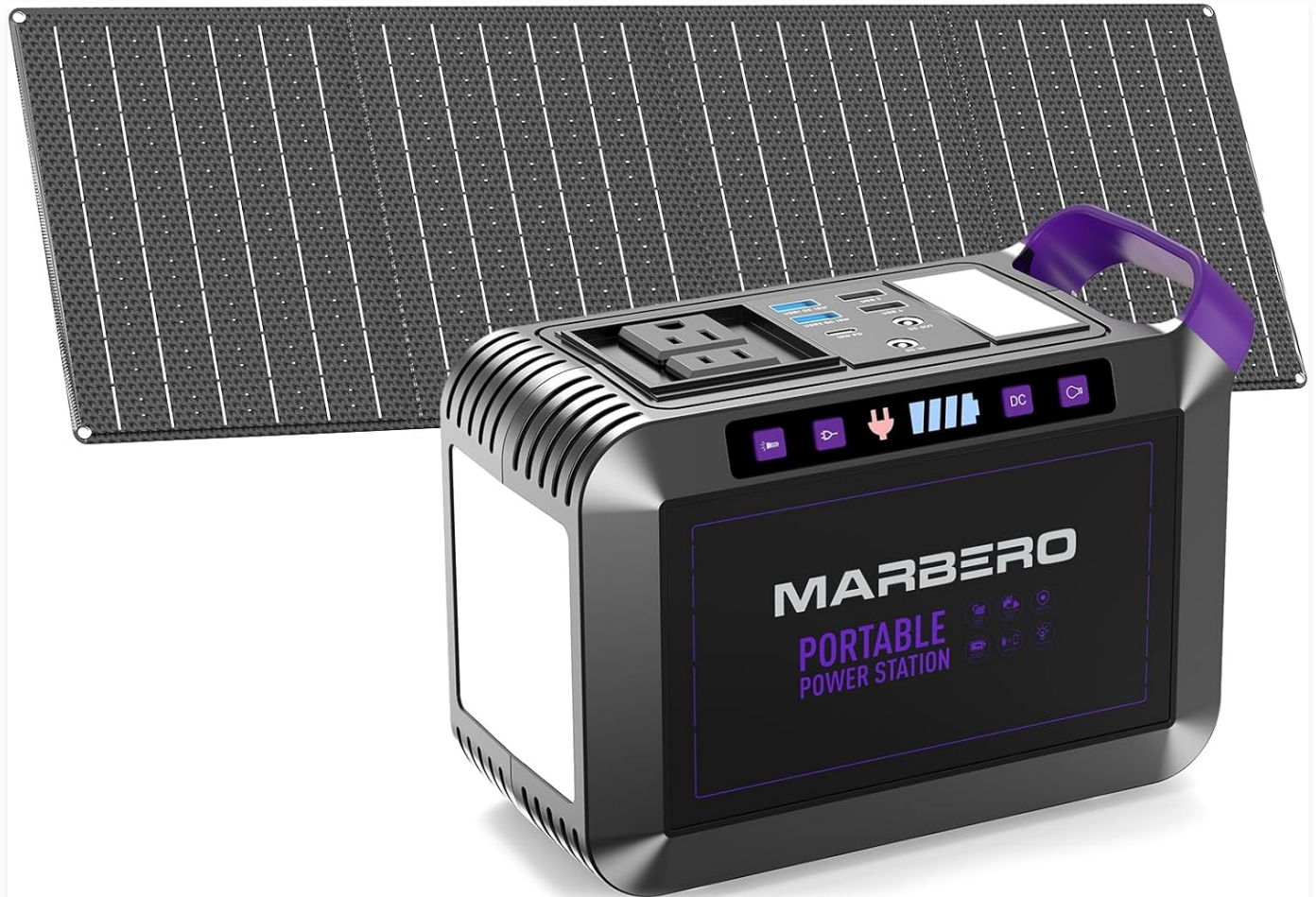


Figure 1: MARBERO M822MAX Portable Power Station with 40W Solar Panel.

#### Key Features:

- **Compact and Lightweight:** Weighs just 3.3 lbs with dimensions of 7.6 x 3.6 x 5.4 inches.
- **Multi-Output Ports:** Includes AC, DC, and USB outputs for diverse charging needs.
- **Integrated Lighting:** Features an ultra-bright LED flashlight and an LED light panel for illumination.
- **Safety Protections:** Built-in safeguards against short-circuit, low-voltage, over-temperature, over-current, overload, and low-voltage.

#### 3.2. MARBERO 40W Foldable Solar Panel

The included 40W foldable solar panel is designed to efficiently convert solar energy into electrical power, providing a sustainable charging solution for your power station.

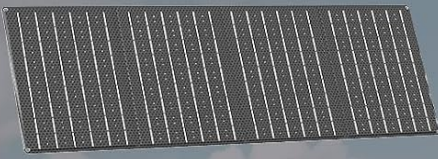
# CARRY WITH EASE

Lighter and easier



Net weight: 3.3 lbs

Dimensions:  
7.55x3.62x5.35in



Net weight: 1.87 lbs

Dimensions:  
8.11x10.7x1.1in



Figure 2: Portability of the MARBERO M822MAX Power Station and 40W Solar Panel.

## Key Features:

- **High Efficiency:** Advanced solar arrays with a conversion rate of 21.5-23.5%.
- **Foldable Design:** Compact when folded (8 x 10 x 1 inches) and expanded (32 x 10 x 0.8 inches) for easy transport and setup.
- **Smart Charging:** Built-in smart chip ensures maximum charging speed and protects against overcharging.
- **Durable:** Waterproof panels for outdoor use.

## 4. SETUP

### 4.1. Unpacking and Initial Inspection

Upon receiving your MARBERO Solar Generator kit, carefully unpack all components and inspect for any damage. The package should contain:

- 1 x MARBERO Portable Power Station M822MAX
- 1 x MARBERO 40W Foldable Solar Panel
- 1 x AC Charging Cable
- 1 x Car Charger Adapter
- 1 x DC Cable for Solar Panel Connection
- 1 x User Manual (this document)

## **4.2. Connecting the Solar Panel to the Power Station**

To charge your power station using the solar panel:

1. Connect the provided DC cable to the solar panel's DC port.
2. Select the appropriate DC adapter from the other end of the cable and attach it securely to your MARBERO power station M822MAX's DC input port (located on the back).
3. Place the solar panel in direct sunlight. The panel will efficiently convert solar power into electrical energy, which will then be transferred to your power station.

# STURDY & RELIABLE

Get power rain or shine



Figure 3: Solar panel charging the power station in an outdoor setting.

## 5. CHARGING THE POWER STATION

The MARBERO M822MAX offers multiple ways to recharge:



# 3 WAYS TO RAPID RECHARGE

From 0-80%



WALL OUTLET IN  
2 HRS



12V CAR OUTLET IN  
3 HRS



SOLAR PANEL IN  
3 HRS

Figure 4: Three rapid recharge methods for the power station.

## 5.1. AC Wall Outlet Charging

Connect the provided AC charging cable to the DC input port on the power station and then plug it into a standard wall outlet. The power station can charge from 0-80% in approximately 2 hours.

## 5.2. 12V Car Outlet Charging

Use the included car charger adapter to connect the power station to your vehicle's 12V car outlet. This method can charge the power station from 0-80% in approximately 3 hours, ideal for charging on the go.

## 5.3. Solar Panel Charging

As detailed in Section 4.2, connect the 40W solar panel to the power station and place it in direct sunlight. This method can charge the power station from 0-80% in approximately 3 hours, depending on sunlight intensity.

## 6. OPERATING THE POWER STATION

The MARBERO M822MAX is equipped with various output ports to power and charge your electronic devices.



Figure 5: Overview of the 8 multiple output ports on the power station.

### 6.1. Powering On/Off

Press and hold the main power button to turn the unit on or off. The display screen will illuminate, showing the battery level and active output indicators.

### 6.2. Using Output Ports

- **AC Outputs:** The power station has 2 AC wall sockets (200W with 270W peak, including 2-prong and 3-prong outlets). Press the AC button to activate these outlets. Ideal for laptops, small appliances, and other AC-powered devices.
- **USB Outputs:**

- 2 x USB-A QC3.0 ports (5V 2A, 9V 2A, 12V 1.5A, 18W Max)
- 2 x USB-A ports (5V 2.1A, 15W Max)
- 1 x USB-C port (5V 3A, 9V 2A, 12V 1.5A, 18W PD)

These ports are suitable for charging smartphones, tablets, cameras, wireless headphones, and other USB-powered devices. Press the USB button to activate these ports.

- **DC Output:** 1 x DC port (12-16.8V 10A, 14A, 200W Max). This port is for devices requiring DC power. Press the DC button to activate this port.

### 6.3. Lighting Functions

The power station includes built-in lighting for convenience:

**MORE LIGHTING FUNCTIONS**

For outdoor & power outages

**Constant**

**3 Levels of brightness**

**SOS**

Working for 35-85 Hrs

**1 x Ultra Bright LED Flashlight**

**1 x LED Light Panel**

Figure 6: Lighting functions of the power station.

- **LED Light Panel:** Located on the side, this panel provides ambient lighting. Press the light button to cycle through 3 levels of brightness.

- **Ultra-Bright LED Flashlight:** Located on the front, this flashlight offers focused illumination. Press the flashlight button to activate. It also features an SOS mode for emergencies.

## 7. MAINTENANCE

### 7.1. Cleaning

Wipe the unit with a dry, soft cloth. Do not use abrasive cleaners or solvents.

### 7.2. Storage

Store the power station and solar panel in a cool, dry place away from direct sunlight and extreme temperatures. For long-term storage, it is recommended to fully charge the power station every 3-6 months to maintain battery health.

## 8. TROUBLESHOOTING

### 8.1. Power Station Not Charging

- Ensure all cables are securely connected.
- Verify the power source (wall outlet, car outlet, solar panel) is functional.
- For solar charging, ensure the panel is in direct sunlight and free from obstructions.

### 8.2. Devices Not Charging from Power Station

- Confirm the power station is turned on and the specific output port (AC, USB, DC) is activated.
- Check if the device's power consumption exceeds the power station's output capacity (200W continuous, 270W peak for AC).
- Ensure the charging cable for your device is functional and correctly connected.

### 8.3. Overheating

If the unit feels excessively hot, disconnect all devices and charging inputs immediately. Allow the unit to cool down in a well-ventilated area before resuming use. The power station has built-in over-temperature protection.

## 9. SPECIFICATIONS

| Feature    | Detail       |
|------------|--------------|
| Brand      | MARBERO      |
| Model Name | M822SL40 MAX |

| Feature                         | Detail                                     |
|---------------------------------|--------------------------------------------|
| Wattage                         | 200 watts                                  |
| Output Wattage                  | 200.0                                      |
| Engine Power Maximum            | 270 Watts                                  |
| Starting Wattage                | 200 Watts                                  |
| Running Wattage                 | 200 Watts                                  |
| Fuel Type                       | Electric                                   |
| Power Source                    | Solar Powered, Battery Powered, AC Powered |
| Voltage                         | 110 Volts (AC)                             |
| Item Weight (Power Station)     | 3.3 lbs (approx.)                          |
| Item Weight (Total)             | 6 Pounds                                   |
| Product Dimensions              | 10"L x 8"W x 14"H                          |
| Material                        | ABS                                        |
| Batteries                       | 1 Lithium Ion battery required (included)  |
| Total Power Outlets             | 9                                          |
| Solar Panel Conversion Rate     | 21.5-23.5%                                 |
| Solar Panel Folded Dimensions   | 8" x 10" x 1" (approx.)                    |
| Solar Panel Unfolded Dimensions | 32" x 10" x 0.8" (approx.)                 |

## 10. WARRANTY AND SUPPORT

For warranty information and customer support, please refer to the official MARBERO website or contact your retailer. Keep your purchase receipt as proof of purchase for warranty claims. For additional assistance, visit the [MARBERO Store on Amazon](#).

© 2025 MARBERO. All rights reserved. Specifications are subject to change without notice.

### 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