

MARBERO M638SL60 MAX

User Manual for MARBERO 296Wh Solar Generator with 60W Solar Panel

Model: M638SL60 MAX | Brand: MARBERO

1. INTRODUCTION

Thank you for choosing the MARBERO M638SL60 MAX Portable Power Station with 60W Foldable Solar Panel. This comprehensive user manual provides essential information for the safe and efficient operation, maintenance, and troubleshooting of your solar generator. Please read this manual thoroughly before using the product and retain it for future reference.

This solar generator is designed to provide reliable power for various applications, including camping, home backup, outdoor emergencies, and travel. It features a 296Wh high-capacity battery, multiple output ports, and efficient solar charging capabilities.

2. SAFETY INSTRUCTIONS

To ensure safe operation, please observe the following precautions:

- 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.
- Use only original or certified accessories.
- Ensure proper ventilation during use and charging.
- In case of abnormal behavior, discontinue use immediately and contact customer support.

3. PACKAGE CONTENTS

Please check that all the following items are included in your package:

- 1 x MARBERO M638 MAX Portable Power Station
- 1 x MARBERO 60W Solar Panel
- 1 x Power Adapter (for AC charging)
- 1 x Cigarette Lighter Adapter (for car charging)
- 1 x User Manual



Image: The MARBERO 296Wh Portable Power Station and the accompanying 60W Foldable Solar Panel, as included in the package.

4. PRODUCT OVERVIEW

The MARBERO M638SL60 MAX is a compact and powerful solar generator designed for portability and versatility. It features a 296Wh (80,000mAh) high-capacity battery and multiple output options to power a wide range of devices.

4.1 Key Features

- **High Capacity:** 296Wh (80,000mAh) battery for extended power.
- **Multiple Outputs:** 2 AC outlets (300W continuous, 350W peak), 3 USB-A QC 3.0 ports (18W Max), 2 USB-C PD 3.0 ports (18W Max), and 2 DC output ports (12-16.8V/10A, 180W Max).
- **Efficient Solar Charging:** Includes a 60W foldable solar panel with 21.5-23.5% conversion efficiency.
- **Portable Design:** Compact size (8.74 x 5.27 x 5.98 inches) and lightweight (6.21 lbs) for easy transport.
- **Safety Features:** Built-in smart chip for optimal charging speed and protection against short circuit, overcharge, overvoltage, and overload.

4.2 Ports and Indicators

9 PORTS IN ONE

More Options For You



Image: A close-up view of the MARBERO power station's various output ports, including two 3-prong AC outlets, three USB-A QC 3.0 ports, two USB-C PD 3.0 ports, and two DC output ports.

- **AC Outlets:** For standard household appliances (up to 300W).
- **USB-A QC 3.0 Ports:** For fast charging compatible smartphones and tablets.
- **USB-C PD 3.0 Ports:** For fast charging compatible devices like laptops and modern smartphones.
- **DC Output Ports:** For 12V DC devices.
- **Input Port:** For charging the power station via AC adapter, car charger, or solar panel.
- **LED Display:** Shows battery level and output status.

5. SETUP

Before first use, it is recommended to fully charge the power station. For solar charging, follow these steps:

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 portable power station.
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 solar powered generator.

RECHARGE IN 2 HRS

From 0-80%



SOLAR PANEL
13 HRS



CAR OUTLET
12 HRS



WALL OUTLET
11 HRS



Image: The MARBERO power station and solar panel set up outdoors, demonstrating solar recharging. Also shows estimated charging times for solar, car, and wall outlets.

6. OPERATING INSTRUCTIONS

6.1 Charging the Power Station

Your MARBERO power station can be charged using three methods:

- **AC Wall Outlet:** Connect the power adapter to the input port and then to a standard wall outlet.
- **Car Charger:** Use the cigarette lighter adapter to charge from your vehicle's 12V outlet.
- **Solar Panel:** Connect the 60W solar panel as described in the Setup section. Ensure the panel is in direct sunlight for optimal charging.

The LED display will indicate the charging status and battery level. It takes approximately 11 hours to fully charge via wall outlet, 12 hours via car outlet, and 13 hours via solar panel (depending on sunlight conditions) from 0-80%.

6.2 Using the Output Ports

To use the output ports:

1. Press the master power button to turn on the unit.
2. Press the respective button for the output type you wish to use (e.g., AC, USB, DC). The indicator light for that output will illuminate.
3. Plug your device into the appropriate port.
4. When finished, unplug your devices and turn off the output ports and the main power button to conserve battery.



Image: The MARBERO power station in an outdoor setting, demonstrating its ability to power various devices such as a fan, juicer, teakettle, electric blanket, and mini fridge.

The 296Wh capacity allows for multiple charges of common devices:

- Smartphones: 15-21 times
- Cameras: 22-27 times
- Tablets: 10-15 times

GREAT **296 Wh** CAPACITY

 **15-21**
times

 **22-27**
times

 **10-15**
times



Image: Two people relaxing by a lake, with the MARBERO power station charging a smartphone, powering a small fan, and a kettle, illustrating its capacity for various devices.

7. MAINTENANCE

- **Storage:** Store the unit in a cool, dry place, away from direct sunlight and extreme temperatures.
- **Charging Frequency:** For optimal battery life, fully charge the unit every 3-6 months, even if not in use.
- **Cleaning:** Use a dry, soft cloth to clean the exterior of the unit. Do not use harsh chemicals or abrasive materials.
- **Battery Care:** Avoid completely draining the battery frequently. Recharge when the battery level is low.

8. TROUBLESHOOTING

Problem	Possible Cause	Solution
Unit not turning on	Battery is completely drained; Power button not pressed correctly.	Charge the unit; Press and hold the power button for 3 seconds.

Problem	Possible Cause	Solution
Device not charging from output port	Output port not activated; Device requires more power than available; Cable issue.	Activate the specific output port; Check device power requirements; Try a different cable.
Solar panel not charging	Not enough direct sunlight; Panel not connected properly; Panel is dirty.	Relocate panel to direct sunlight; Reconnect cables; Clean the solar panel surface.
Overload protection activated	Connected device exceeds the maximum output wattage.	Disconnect the high-power device; Restart the power station.

9. SPECIFICATIONS

Feature	Detail
Model Name	M638SL60 MAX
Brand	MARBERO
Battery Capacity	296Wh (80,000mAh)
AC Output	2 x 110V, 300W (350W Peak)
USB-A Output	3 x QC 3.0 (18W Max each)
USB-C Output	2 x PD 3.0 (18W Max each)
DC Output	2 x 12-16.8V/10A (180W Max)
Solar Panel Wattage	60W
Solar Panel Efficiency	21.5-23.5%
Dimensions (Power Station)	8.74"L x 5.27"W x 5.98"H
Weight (Power Station)	6.21 lbs
Material	ABS
Fuel Type	Electric
Power Source	Solar Powered

TRAVEL LIGHT

Lighten The Load



Net weight
6.21lbs



Dimensions
5.27" W x 5.98" H x 8.74"L

Image: A person holding the MARBERO power station, highlighting its portability and compact dimensions (8.74 inches long, 5.27 inches wide, 5.98 inches high) and light weight (6.21 lbs).

10. WARRANTY AND SUPPORT

MARBERO products come with a standard manufacturer's warranty. For detailed warranty information, product support, or service inquiries, please refer to the warranty card included in your package or visit the official MARBERO website. You may also contact our customer service team for assistance.

MARBERO Official Website: [Visit MARBERO Store on Amazon](#)