

MARBERO M82, PL100

MARBERO Portable Power Stations M82 & PL100 User Manual

Models: M82 (88Wh) & PL100 (118Wh)

1. INTRODUCTION

Thank you for choosing the MARBERO Portable Power Stations M82 and PL100. This manual provides essential information for the safe and efficient operation of your devices. The M82 is a compact power station designed for various electronic devices, while the PL100 combines a portable power station with a versatile telescopic camping light. Both units are ideal for home backup, outdoor activities, and emergency situations.

2. SAFETY INSTRUCTIONS

- Do not disassemble, repair, or modify the unit. Incorrect reassembly may cause fire or injury.
- Keep the unit away from fire, heat sources, and direct sunlight.
- Do not use or store the unit in a bathroom or in an area exposed to water or high humidity.
- Do not drop, strike, or subject the unit to strong impacts.
- Keep out of reach of children and pets.
- Use only the original or certified charging adapter.
- Ensure proper ventilation during use and charging. Do not cover the unit.
- Dispose of the product according to local regulations. Do not dispose of with household waste.

3. PACKAGE CONTENTS

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

- MARBERO Portable Power Station M82
- MARBERO Portable Power Station PL100 (with integrated telescopic light)
- AC Charging Adapter
- Car DC Charger Output Cable

- User Manual (this document)

4. PRODUCT OVERVIEW

4.1 MARBERO M82 Portable Power Station

The M82 is a compact and lightweight power station, designed for portability and efficient power delivery. It features multiple output ports to charge a variety of devices simultaneously.



Figure 4.1: MARBERO M82 Multiple Output Ports

The MARBERO M82 offers multiple output ports, including AC, USB-C PD, DC, and USB-A, allowing simultaneous charging of various devices.

CHARGING SIMULTANEOUSLY



Figure 4.2: MARBERO M82 Charging Multiple Devices Simultaneously

The M82 power station can charge multiple devices concurrently, providing power to laptops, smartphones, tablets, and gaming consoles.

CONVENIENT TO TAKE ANY WHERE AS A DSLR CAMERA

2.3 LBS / 6.5×4.6×3 INCHES

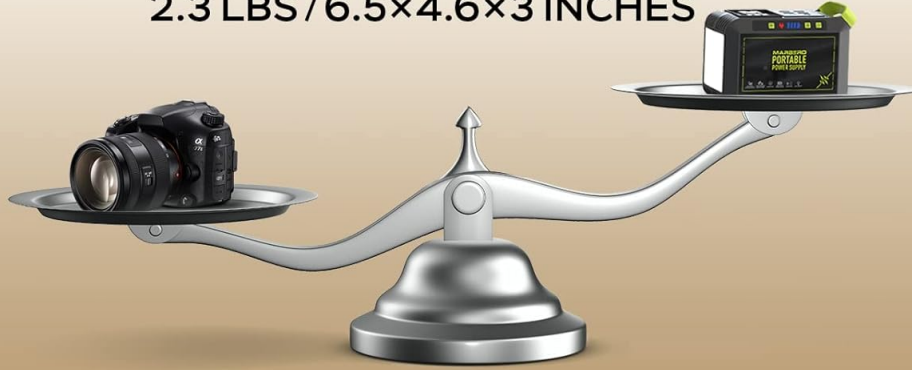


Figure 4.3: MARBERO M82 Compact Size Comparison

Designed for portability, the M82 is comparable in size to a DSLR camera, making it easy to carry in a backpack for outdoor activities.

4.2 MARBERO PL100 Portable Power Station with Telescopic Camping Light

The PL100 is a versatile unit combining a portable power station with an integrated telescopic LED camping light. It features a magnetic base and a sturdy stand for flexible placement.



Figure 4.4: MARBERO PL100 in Use at a Campsite

The PL100 combines a portable power station with a powerful telescopic camping light, offering 118.4 Wh capacity and 160W max AC output for outdoor use.

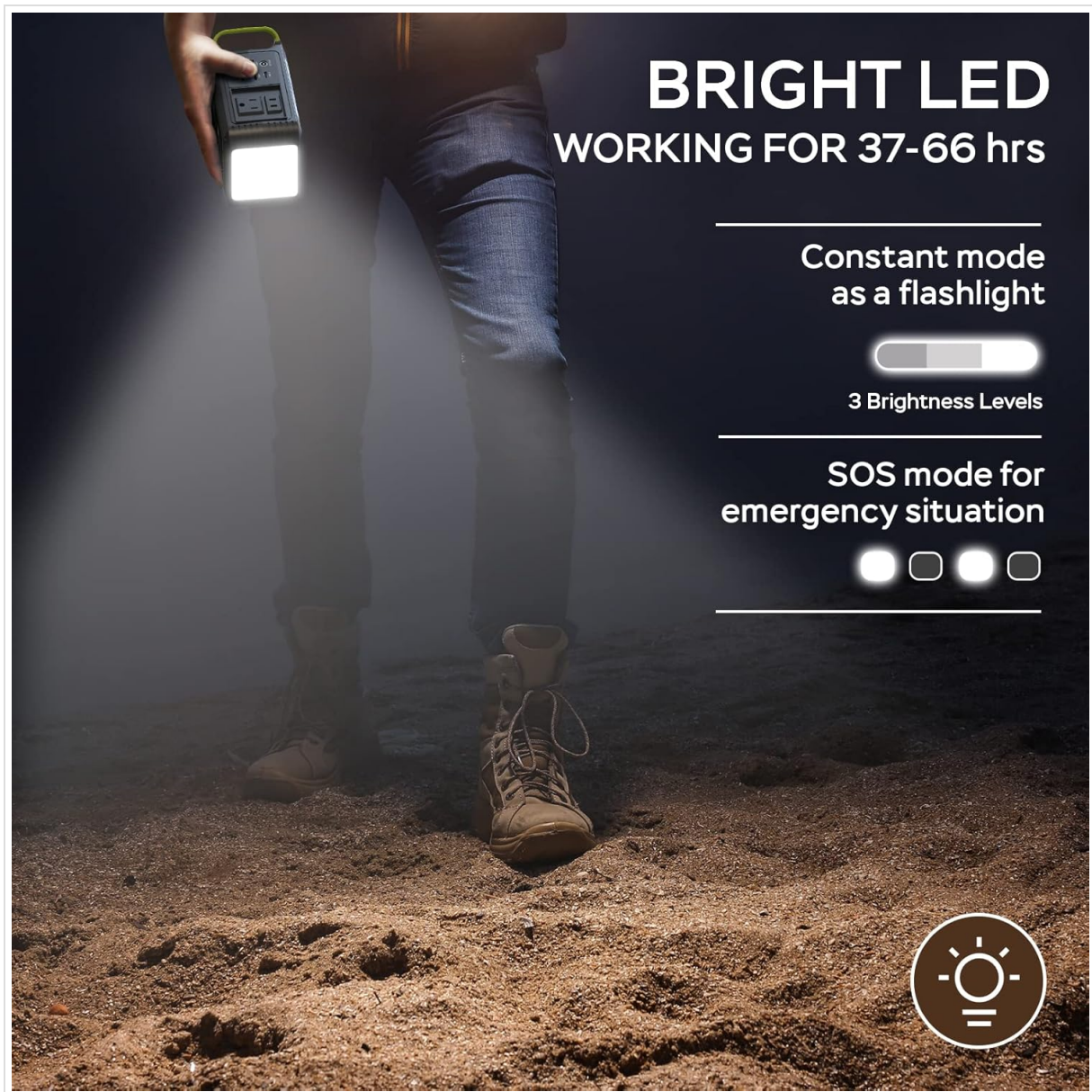


Figure 4.5: MARBERO PL100 Bright LED Light Features

The PL100 features a bright LED light with multiple brightness levels and an SOS mode, providing illumination for 37-66 hours for various scenarios.

ULTRA-BRIGHT LIGHT

2 Color of LED Light
Up to **878** Lumen



Figure 4.6: MARBERO PL100 Ultra-Bright Light Output

The PL100's ultra-bright LED light provides up to 878 lumens with two color options (constant white shown), suitable for various lighting needs.

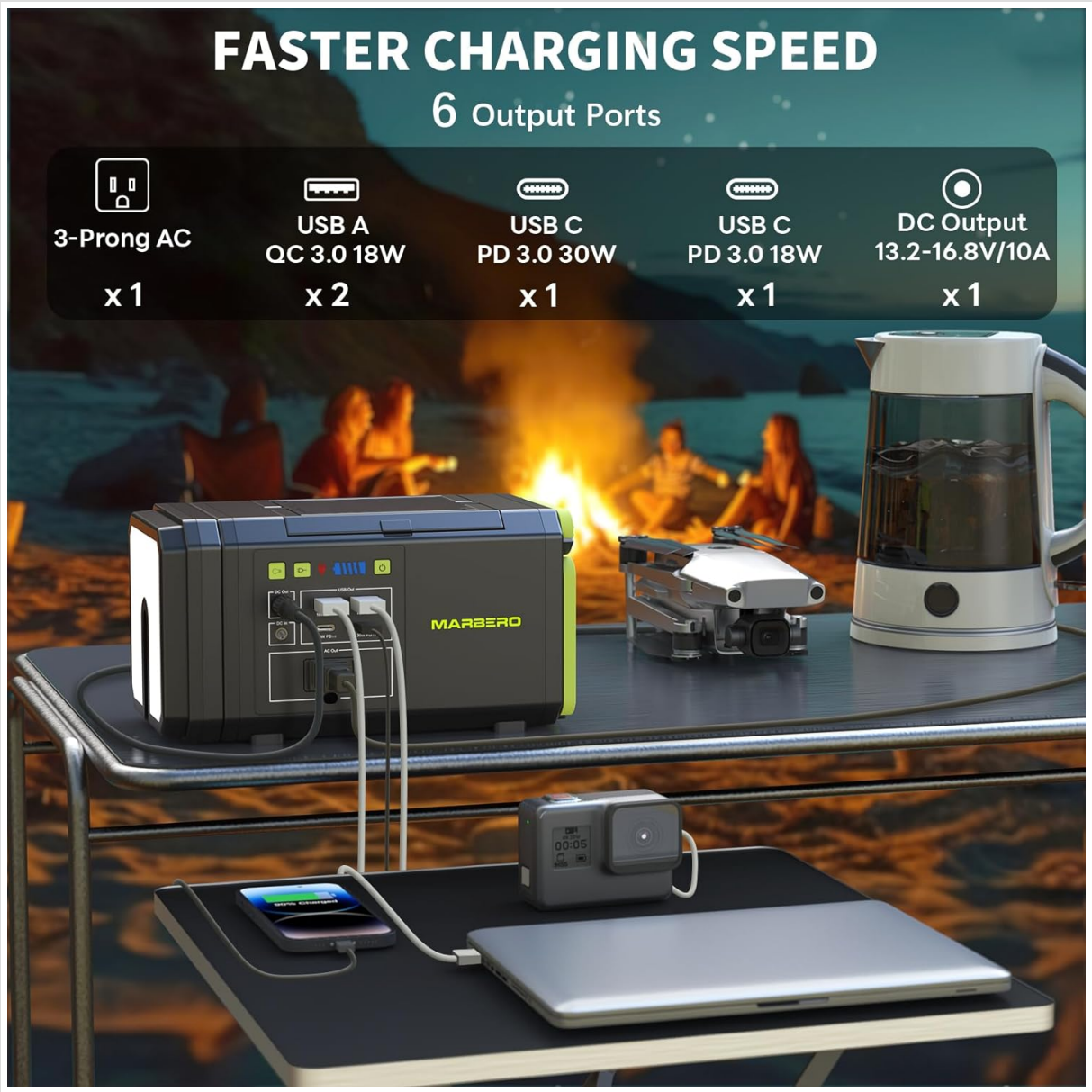


Figure 4.7: MARBERO PL100 Multiple Output Ports

The PL100 offers 6 output ports, including 3-prong AC, USB A QC 3.0, USB C PD 3.0, and DC output, for fast and versatile charging.

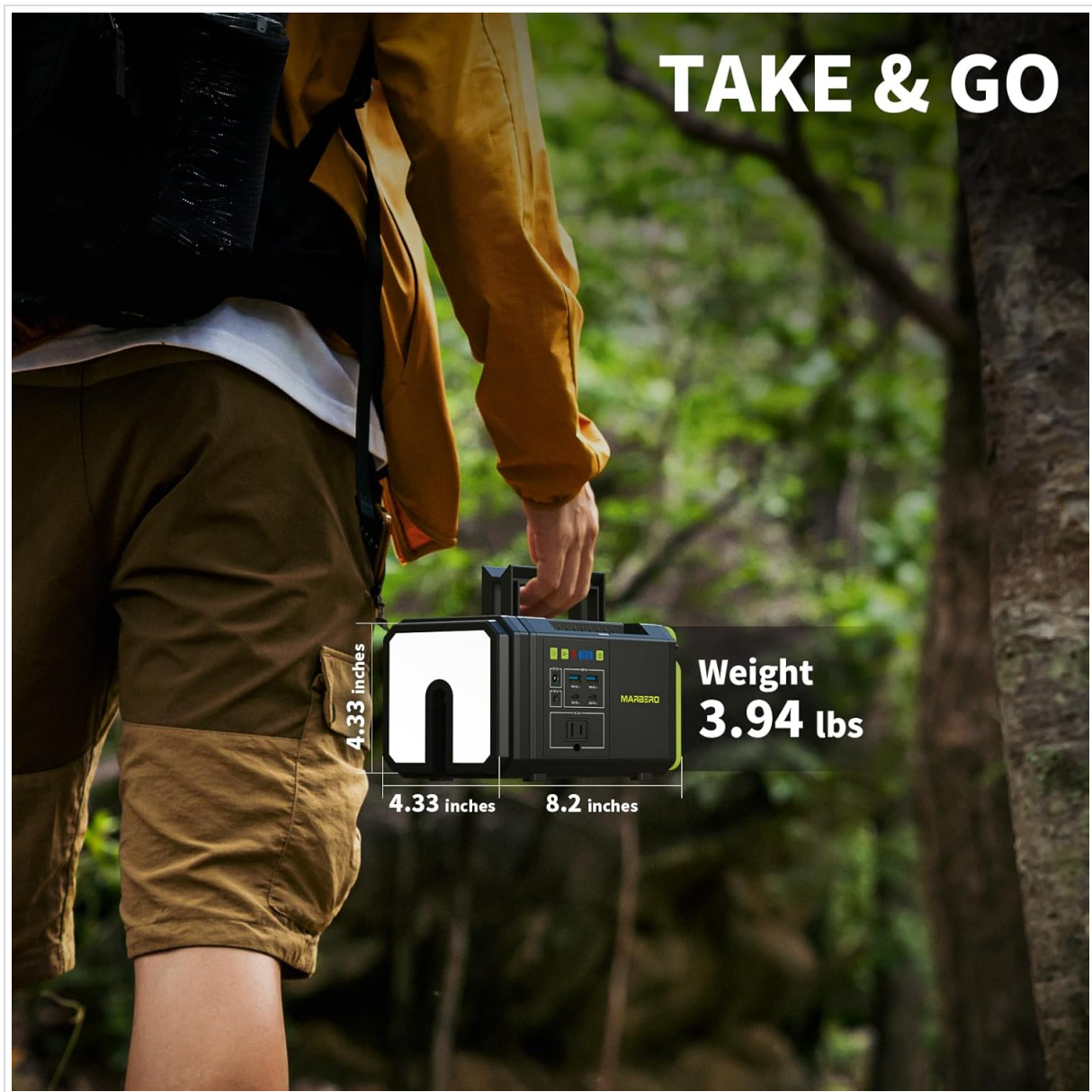


Figure 4.8: MARBERO PL100 Portability

With a weight of 3.94 lbs and compact dimensions, the PL100 is designed for easy portability, ideal for 'take and go' adventures.

5. CHARGING THE POWER STATION

Before first use, fully charge your MARBERO power station.

5.1 Charging with AC Adapter

1. Connect the included AC charging adapter to the DC input port on your power station (M82 or PL100).
2. Plug the AC adapter into a standard wall outlet.
3. The battery indicator on the power station will illuminate, showing the charging progress. The M82 can charge from 0% to 80% in approximately 2 hours.
4. Once fully charged, disconnect the adapter.

5.2 Charging with Solar Panel (Optional)

Both M82 and PL100 can be charged efficiently with MARBERO's dedicated 30W or 60W solar panels (sold separately). Connect the solar panel to the DC input port of the power station. Charging time will vary

based on sunlight intensity.

6. OPERATING INSTRUCTIONS

6.1 Using the MARBERO M82

1. **Power On/Off:** Press and hold the main power button for a few seconds to turn the unit on or off.
2. **AC Output:** Press the AC button to activate the AC outlets. Plug your appliance (e.g., small TV, game console) into the AC port. Press the AC button again to turn off.
3. **USB Output:** The USB-A and USB-C PD ports are typically always active when the unit is on. Simply plug in your USB-powered devices (e.g., smartphones, tablets, laptops).
4. **DC Output:** Use the included car DC charger output cable to connect devices like car fridges, vacuum cleaners, or air compressors to the DC port.

6.2 Using the MARBERO PL100

1. **Power On/Off:** Press and hold the main power button for a few seconds to turn the unit on or off.
2. **AC Output:** Press the AC button to activate the AC outlet. Plug your small appliance into the AC port. Press the AC button again to turn off.
3. **USB Output:** The USB-A QC3.0 and USB-C PD3.0 ports are typically always active when the unit is on. Plug in your smartphones, tablets, or laptops for fast charging.
4. **DC Output:** Connect car accessories or tools to the DC output port.
5. **Telescopic Camping Light:**
 - **Extend Light:** Gently pull the top section upwards to extend the telescopic light.
 - **Turn On/Off Light:** Press the dedicated light button to turn the LED light on. Press again to cycle through brightness levels (3 levels) and SOS mode. Press and hold to turn off.
 - **Placement:** Use the magnetic base to attach the light to metal surfaces or deploy the sturdy stand for freestanding illumination.

7. SPECIFICATIONS

7.1 MARBERO M82 Specifications

Feature	Detail
Capacity	88Wh
AC Output	2 x 80W (Max)
USB-C PD Output	1 x 18W
USB-A Output	2 x 5V/2.4A, 2 x QC 3.0 18W
DC Output	1 x 5.5mm DC 12-16.8V/10A
Dimensions	6.5 x 4.6 x 3.1 inches
Weight	3.2 lbs

7.2 MARBERO PL100 Specifications

Feature	Detail
Capacity	118.4Wh / 32000 mAh
AC Output	1 x 100W (160W Peak)
USB-A QC3.0 Output	2 x 18W
USB-C PD3.0 Output	1 x 18W, 1 x 30W
DC Output	1 x 13.2-16.8V/10A (15A Max)
LED Light	Telescopic, up to 878 Lumens, 2 Color Options, 3 Brightness Levels, SOS Mode
Light Runtime	37-66 hours
Dimensions	Approx. 8.2 x 4.33 x 4.33 inches (folded)
Weight	3.94 lbs

8. MAINTENANCE

- **Cleaning:** Use a dry, soft cloth to wipe the surface of the power station. Do not use abrasive cleaners or solvents.
- **Storage:** Store the unit in a cool, dry place, away from direct sunlight and extreme temperatures. For long-term storage, charge the unit to 50-80% every 3-6 months to prolong battery life.
- **Battery Care:** Avoid fully discharging the battery frequently. It is recommended to recharge before the battery level drops below 20%.

9. TROUBLESHOOTING

- **Unit not turning on:** Ensure the battery is charged. Press and hold the power button for a few seconds.
- **Device not charging from output port:**
 - Ensure the specific output port (AC, USB, DC) is activated (check indicator lights).
 - Check if the device's power consumption exceeds the port's maximum output.
 - Verify the charging cable is securely connected and not damaged.
- **PL100 light not working:** Ensure the unit is powered on and press the light button. Check if the battery level is sufficient.
- **Slow charging:** Ensure the charging adapter is correctly connected. If using solar, ensure the panel is in direct sunlight and unobstructed.

If issues persist, please contact MARBERO customer support.

10. WARRANTY AND SUPPORT

Specific warranty information for the MARBERO Portable Power Stations M82 and PL100 is not available in this document. Please refer to the product packaging, the official MARBERO website, or contact MARBERO customer support for detailed warranty terms and conditions, as well as technical assistance.

For customer support, please visit the [MARBERO Store on Amazon](#) or consult your purchase

documentation.