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> MARXON G1500 Portable Power Station User Manual (Dual Unit with Parallel Cable)

## MARXON G1500

# MARXON G1500 Portable Power Station User Manual

Model: G1500

## INTRODUCTION

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Thank you for choosing the MARXON G1500 Portable Power Station. This manual provides essential information for the safe and efficient operation, maintenance, and troubleshooting of your device. The G1500 is a high-capacity portable power solution designed for various applications, from outdoor adventures to emergency backup power, featuring a 1440Wh capacity and 1800W AC output.

## SAFETY INSTRUCTIONS

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Please read all safety instructions carefully before using the MARXON G1500. Failure to follow these instructions may result in electric shock, fire, or serious injury.

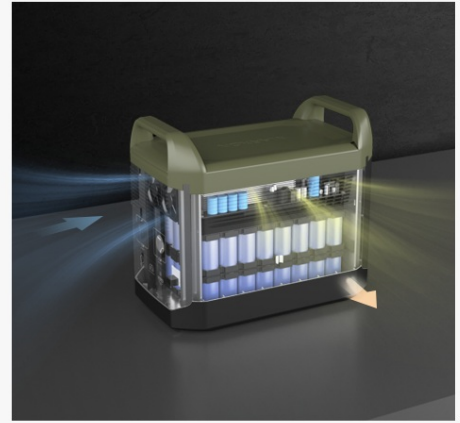
- Do not disassemble, repair, or modify the unit.
- Do not expose the unit to fire or high temperatures.
- Do not use or store the unit in direct sunlight or in hot environments.
- Keep the unit away from water, moisture, and corrosive substances.
- Ensure proper ventilation during use to prevent overheating.
- Keep out of reach of children and pets.
- Dispose of the unit according to local regulations.

## Battery Management System (BMS)

The MARXON G1500 is equipped with an advanced Battery Management System (BMS) that provides multiple layers of protection for safe and reliable operation. This includes protection against over-temperature, over-charge, over-discharge, over-voltage, over-current, and short-circuit conditions.

## 優れた冷却性能

風穴や冷却ファンが設置され、大きな冷却効果が得られ、放熱性を向上させます。夏場や長時間作業に熱がこもる心配を軽減してくれます。



**Image:** The Battery Management System (BMS) protects against various electrical faults, ensuring the safety and longevity of the power station.

## PACKAGE CONTENTS

Upon unpacking, please verify that all items listed below are included and in good condition:


- MARXON G1500 Portable Power Station (x2)
- Dedicated Parallel Cable (x1)
- AC Charging Cable (x1)
- Car Charger Cable (x1)
- User Manual (x1)

## PRODUCT OVERVIEW

Familiarize yourself with the various ports and indicators on your MARXON G1500 unit.

### BMS電池保護機能搭載

バッテリーマネジメントシステムにより過電圧、過負荷、過温度、過充電、過放電、短絡を防止。



- 過負荷保護
- 高温度保護
- 低温度保護
- 過充電保護
- 過電圧保護
- 短絡保護
- 過放電保護

**Image:** Overview of the MARXON G1500's 11 output ports, including AC outlets, USB-C, USB-A, and car socket.

## Output Ports:

- **AC Outlets (x4):** 1800W rated (Surge 3600W)
- **USB-C Fast Charging Ports (x2):** 100W, 20V, 5A
- **USB-A Ports (x2):** 12W, 5V, 2.4A
- **USB-A Fast Charging Ports (x2):** 60W, 20V, 3A
- **Car Socket (x1):** 120W, 12V, 10A

## LCD Display:

The large, easy-to-read LCD screen provides real-time information about the power station's status.



Image: The LCD display shows (1) Input Wattage, (2) Output Wattage, (3) Remaining Output Time, and (4) Battery Level.

## SETUP

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Before first use, it is recommended to fully charge the MARXON G1500.

1. Unpack the power station and all accessories.
2. Place the unit on a flat, stable surface with adequate ventilation.
3. Connect the AC charging cable to the AC input port on the unit and then to a wall outlet.
4. The LCD display will show the charging status. Charge until the battery indicator shows 100%.

## OPERATING INSTRUCTIONS

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### Charging the G1500

The G1500 supports multiple charging methods:

- **AC Wall Outlet Charging:** Connect the AC charging cable to the unit and a standard wall outlet. The G1500 supports up to 1000W AC input, allowing it to charge to 80% in approximately 80 minutes.

# 驚きの1000W AC急速充電で わずか80分で80%まで充電可能！

 約80分 80%  
MARXON G1500

 約3時間 80%  
他社の製品



**Image:** The G1500 can be charged to 80% in about 80 minutes using its 1000W AC input.

- **Solar Panel Charging:** Connect compatible solar panels (Anderson connector type) to the solar input port. The G1500 supports up to 600W solar input. With 600W solar panels, it can charge to 80% in approximately 2.5 hours under direct sunlight. (Charging time may vary based on weather and environmental conditions.)

# 最大600Wのソーラー入力に対応

3枚のXP200 200Wソーラーパネルを利用し、  
直射日光の下約2.5時間で80%まで充電可能。  
競合製品より2倍速い。



**Image:** The G1500 supports up to 600W solar input for efficient outdoor charging.

- **Car Charging:** Use the provided car charger cable to charge the unit from your vehicle's 12V cigarette lighter socket.

## Discharging and Using the G1500

To power your devices, simply plug them into the appropriate output ports (AC, USB-A, USB-C, or car socket). Press the corresponding output button (AC, DC, USB) to activate the ports.

# 大容量1440Whと高出力1800W



Image: The G1500's 1440Wh capacity and 1800W output can power a wide range of devices for extended periods.

## Parallel Connection (Dual Unit Operation)

The MARXON G1500 supports parallel connection of two units using the dedicated parallel cable (TT-30 AC output) to double the capacity and output.

1. Ensure both G1500 units are turned off.
2. Connect the dedicated parallel cable to the parallel ports on both G1500 units.
3. Turn on both G1500 units. The display will indicate that they are operating in parallel mode.
4. In parallel mode, the total capacity becomes 2880Wh, and the TT30 AC output reaches 3600W. The individual G1500 AC outputs will be 2400W each.



**Image:** Two G1500 units can be connected in parallel to expand capacity and output for demanding applications like RV power.

## UPS Function (Uninterruptible Power Supply)

The G1500 features a UPS function, providing seamless power backup during outages. When connected to an AC wall outlet and powering devices, it will automatically switch to battery power within 10 milliseconds if the grid power fails.

### リン酸鉄リチウム電池を採用

充電サイクルは3000回以上となり、安定性が良く、使用寿命が10年以上期待されています。

バッテリーのエネルギー効率を最適化した同時、  
抜群の安全性と信頼性を確保します。



**Image:** The UPS function ensures continuous power to critical devices during unexpected power interruptions.

## MAINTENANCE

Proper maintenance ensures the longevity and optimal performance of your MARXON G1500.

- **Storage:** If storing for extended periods, charge the unit to 50-80% every 3-6 months to maintain battery health. Store in a cool, dry place away from direct sunlight.
- **Cleaning:** Use a dry, soft cloth to clean the exterior of the unit. Do not use abrasive cleaners or solvents.
- **Ventilation:** Ensure the ventilation vents are clear of dust and debris to maintain efficient cooling. The G1500 features excellent cooling performance with strategically placed air vents and cooling fans.



## 大きめの見やすい液晶画面

大きめの見やすい液晶画面付きで、バッテリーの残量、入出力の電力などがすぐに確認可能。

- ① 入力Wの表示
- ② 出力Wの表示
- ③ 残り出力時間
- ④ 電池残量

**Image:** The G1500's superior cooling system prevents overheating during prolonged operation.

- **Battery Life:** The G1500 uses LiFePO4 batteries, known for their stability and long lifespan, offering over 3000 charge cycles and an expected lifespan of over 10 years.

# リン酸鉄リチウム電池搭載

## 安定性がよくて期待寿命が10年以上

# 3000+

サイクル



**Image:** LiFePO4 battery technology provides enhanced safety, reliability, and a significantly longer lifespan compared to traditional batteries.

## TROUBLESHOOTING

If you encounter issues with your MARXON G1500, refer to the following common problems and solutions:

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

Problem	Possible Cause	Solution
AC output not working	AC output not enabled; Overload protection activated; Device power exceeds unit's capacity.	Press the AC output button; Reduce load; Check device wattage.
Unit not charging	Charging cable not properly connected; Charger fault; Unit too hot/cold.	Ensure secure connection; Try a different outlet/charger; Move unit to suitable temperature.
Display shows error code	Internal fault or specific protection triggered.	Refer to the specific error code in the full manual (if available) or contact customer support.

If the problem persists after attempting these solutions, please contact MARXON customer support.

## SPECIFICATIONS

Feature	Detail
Model Number	G1500
Battery Type	LiFePO4 (Lithium Iron Phosphate)
Capacity	1440Wh (Single Unit) / 2880Wh (Parallel)
AC Output	1800W (Rated) / 3600W (Surge)
AC Input (Charging)	Max 1000W
Solar Input (Charging)	Max 600W (Anderson connector)
USB-C Output	2 x 100W (PD)
USB-A Output	2 x 12W, 2 x 60W (Fast Charge)
Car Socket Output	1 x 120W (12V, 10A)
Dimensions	22cm (L) x 39cm (W) x 33cm (H) (Approx.)
Safety Certifications	PSE, UN38.3, FCC, RoHS, CC

## WARRANTY AND SUPPORT

The MARXON G1500 Portable Power Station comes with a **24-month warranty** from the date of purchase. This warranty covers defects in materials and workmanship under normal use.

The warranty does not cover:

- Damage caused by misuse, abuse, or accident.
- Unauthorized repair or modification.
- Damage from natural disasters.
- Normal wear and tear.

For warranty claims or technical support, please contact MARXON customer service through the retailer where you purchased the product or visit the official MARXON website for contact information.

**MARXON Official Store:** [Visit MARXON Store on Amazon](#)

