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> [MARXON G300 Portable Power Station User Manual](#)

## MARXON G300

# MARXON G300 Portable Power Station User Manual

Model: G300 | Brand: MARXON

## INTRODUCTION

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The MARXON G300 is a compact and powerful 300Wh portable power station designed to provide reliable power for various applications, including outdoor adventures, RV trips, camping, and home emergencies. Featuring X-Rocket charging mode for rapid recharging, a robust 120W solar input capability, and multiple output ports, the G300 ensures your essential devices remain powered wherever you are.



Figure 1: Front view of the MARXON G300 Portable Power Station, showcasing its display, various ports, and integrated handle.

## SAFETY INSTRUCTIONS

**Please read and understand all safety instructions before operating the MARXON G300 Power Station. Failure to follow these instructions may result in electric shock, fire, or serious injury.**

- Do not disassemble, repair, or modify the unit. Incorrect reassembly may cause fire or electric shock.
- Do not expose the unit to fire or high temperatures (above 60°C/140°F).
- Do not use or store the unit in direct sunlight, near heat sources, or in high-humidity environments.
- Keep the unit away from water and other liquids.
- Ensure proper ventilation during use to prevent overheating. Do not block ventilation openings.
- Use only original or certified cables and adapters.
- Keep out of reach of children and pets.
- In case of leakage or abnormal odor, discontinue use immediately and contact customer support.
- Dispose of the unit according to local regulations. Do not dispose of with household waste.



Figure 2: Internal view of the power station, highlighting the battery pack and circuit board. Do not attempt to open the casing.

## PACKAGE CONTENTS

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Upon opening your MARXON G300 package, please verify that all the following items are included:

- 1x MARXON G300 Portable Power Station (300Wh)
- 1x AC Charge Cable
- 1x Car Charging Cable
- 1x User Manual

## PRODUCT OVERVIEW

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### Front Panel

1. **LED On/Off Button:** Activates and deactivates the integrated LED light. Press once for steady light, twice for flash mode, and a third time to turn off.
2. **Type-C Port (PD100W):** USB-C output for fast charging compatible devices like laptops and smartphones.
3. **Fast Charge USB Port (QC3.0):** Quick Charge USB-A output for rapid device charging.
4. **USB1 & USB2 Ports:** Standard USB-A outputs for charging various USB-powered devices.
5. **Power Button:** Turns the unit on and off. Press once to activate the display and outputs.
6. **DC On/Off Button:** Activates and deactivates the 12V DC output port.
7. **12V DC Output Port:** Car charger style outlet for 12V DC devices.
8. **Display Screen:** Shows battery percentage, input/output wattage, and remaining usage/charge time.

### Side Panel (Input Ports)

1. **AC Outlets (2x):** Standard 120V AC outlets for powering household appliances up to 300W total.
2. **Solar/Car Input Port:** Input for charging the power station via solar panel (120W max) or car charger.
3. **AC Charger Input Port:** Input for charging the power station via the included AC charge cable (150W).

# POWER 7 DEVICES SIMULTANEOUSLY

300W Total Output



Figure 3: Detailed view of the MARXON G300's front panel, illustrating the various input and output ports.

## SETUP

### Initial Charging

Before first use, it is recommended to fully charge your MARXON G300. This ensures optimal battery performance and longevity.

1. Connect the provided AC Charge Cable to the AC Charger Input Port on the side of the power station.
2. Plug the other end of the AC Charge Cable into a standard 120V wall outlet.
3. The display screen will illuminate, indicating the charging status and battery percentage. The X-Rocket charging mode (150W AC + 120W Solar) can recharge the unit to 80% in under one hour.
4. Once fully charged, disconnect the cable.

# X-Rocket Charging Mode

## 270W (1Hrs to 80%)

### (150W AC+120W Solar)



Figure 4: The MARXON G300 connected to a solar panel for charging, demonstrating its solar input capability.

## OPERATING INSTRUCTIONS

### Turning On/Off

- To turn on the unit, press the **Power Button** located on the front panel. The display will light up.
- To turn off the unit, press and hold the **Power Button** for a few seconds until the display turns off.

### Charging the Power Station

The MARXON G300 offers multiple charging options:

- **AC Charging:** Use the included AC Charge Cable to plug into a wall outlet. The unit can be 80% recharged within 1.5 hours.
- **Solar Charging:** Connect a compatible solar panel (optional, 120W max) to the Solar/Car Input Port. The G300 can be fully recharged within 3.5 hours with 120W max solar input.
- **Car Charging:** Use the included Car Charging Cable to plug into your vehicle's 12V cigarette lighter socket.

# BETTER SOLAR SEEKER

## 120W SOLAR INPUT



Figure 5: The MARXON G300 and a solar panel set up in an outdoor environment, demonstrating its portability and solar charging capabilities.

### Using Output Ports

The G300 provides 7 output ports for simultaneous charging of various devices:

- **AC Outlets:** Press the **AC On/Off** button (located near the AC outlets) to activate the 120V AC outputs. Plug in your devices. Ensure total wattage does not exceed 300W.
- **USB Ports (Type-C, Fast Charge, USB1, USB2):** These ports are active once the unit is powered on. Simply plug in your USB devices for charging. The PD100W USB-C port provides rapid charging for compatible laptops and other devices.
- **12V DC Output Port:** Press the **DC On/Off** button to activate this port. Plug in your 12V DC devices (e.g., car vacuum, portable fridge).



Figure 6: The MARXON G300 being used in various outdoor scenarios, highlighting its versatility for powering devices on the go.

## MAINTENANCE

- **Storage:** Store the power station in a cool, dry place away from direct sunlight and extreme temperatures. For long-term storage, recharge the unit to 50-80% every 3-6 months to maintain battery health.
- **Cleaning:** Use a dry, soft cloth to clean the exterior of the unit. Do not use abrasive cleaners or solvents.
- **Battery Care:** Avoid fully discharging the battery frequently. It is best to keep the battery level above 20% when possible.
- **Durability:** The G300 is designed to be sturdy and resistant to minor impacts, making it a reliable companion for outdoor use.



Figure 7: Illustration depicting the MARXON G300's enhanced durability and resistance to impacts.

## TROUBLESHOOTING

Problem	Possible Cause	Solution
Unit not turning on	Battery is completely drained; Power button not pressed correctly.	Charge the unit using AC or solar input. Ensure the Power button is pressed firmly for 2-3 seconds.
No output from AC/DC/USB ports	Output ports not activated; Device draws too much power; Overload protection activated.	Press the respective AC On/Off or DC On/Off button. Check device wattage; ensure it's within 300W. Disconnect devices, restart the power station.
Slow charging	Using a low-power charger/solar panel; Environmental factors (e.g., cloudy weather for solar).	Ensure you are using the correct 150W AC charger or a 120W solar panel. Optimize solar panel placement for direct sunlight.
Display not working	Unit is off; Display sleep mode.	Press the Power button to activate the unit and display. The display has a power-saving rest screen feature.

## SPECIFICATIONS

Feature	Detail
Model Number	G300
Battery Capacity	300Wh (100 Amp Hours)
Rated Output Power	300W (600W Peak)
AC Output Voltage	120 Volts (AC)
USB-C Output	PD100W Supported
Max Solar Input	120W
AC Charger Input	150W Built-In
Recharge Time (80%)	1.5 Hrs (150W AC + 120W Solar)
Item Weight	12 pounds
Product Dimensions	10.66 x 7.04 x 9.13 inches

Feature	Detail
Battery Cell Type	Lithium Ion
Special Features	120W Max Solar Input, Built In AC Charger, Pass-Through Charging, Power Save Rest Screen

## WARRANTY & SUPPORT

MARXON provides a **24-month warranty** for every G300 Portable Power Station. This warranty covers defects in materials and workmanship under normal use.

For any questions, technical assistance, or warranty claims, please contact MARXON customer service. We offer 7x24h pre-sale and after-sale service for worry-free purchases.

Contact information can typically be found on the product packaging or the official MARXON website.