

## mophie mpsgrgd-COM29970

# Mophie Powerstation Go Rugged Portable AC USB Light Jump Starter - User Manual

Brand: mophie | Model: mpsgrgd-COM29970

## INTRODUCTION

The mophie powerstation go rugged is a versatile portable power solution designed to keep your devices charged and get your vehicle back on the road. This compact device features a powerful jump starter for 12V vehicle batteries, dual USB-A ports for charging mobile devices, and a built-in floodlight. Its rugged design ensures durability for various environments. This manual provides essential information for the safe and effective operation, maintenance, and troubleshooting of your powerstation go rugged.

## SAFETY INFORMATION

Please read all safety warnings and instructions before using this product. Improper use may result in product damage, excess heat, toxic fumes, fire, or explosion, for which mophie is not responsible.

- Do not store the device in high-temperature environments, including heat caused by intense sunlight or other forms of heat.
- Do not place the device in fire or other excessively hot environments.
- Do not disassemble the device or attempt to repair it.
- Do not expose the device to water or other liquids.
- Ensure jumper cables are connected correctly to avoid sparks and damage. The powerstation go rugged features spark-proof jumper cables and automated safety checks for user protection.
- Keep out of reach of children.
- Always follow the instructions for jump starting a vehicle precisely.

## PACKAGE CONTENTS

Verify that all items are present in your package:

- mophie powerstation go rugged
- Mini Jumper Cables (Red and Black)
- Convenient Carrying Pouch
- USB-C to USB-A Charging Cable (for charging the powerstation go rugged)



Image: The mophie powerstation go rugged unit shown alongside its red and black mini jumper cables.

## PRODUCT OVERVIEW

Familiarize yourself with the components of your powerstation go rugged:



Image: Top view of the powerstation go rugged, highlighting the jump start port, two USB-A charging ports, and LED battery indicator lights.

- **Jump Start Port:** Connects to the mini jumper cables.
- **USB-A Output Ports (x2):** For charging smartphones, tablets, and other USB-powered devices.

- **LED Battery Indicator Lights:** Show the current charge level of the powerstation go rugged.
- **Power Button:** Activates the unit and checks battery level.
- **Floodlight:** Integrated light for illumination in low-light conditions.
- **USB-C Input Port:** For recharging the powerstation go rugged itself.

## SETUP

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### Initial Charging

Before first use, fully charge your powerstation go rugged. This ensures optimal performance and battery longevity.

1. Connect the provided USB-C to USB-A charging cable to the USB-C input port on the powerstation go rugged.
2. Connect the other end of the cable to a USB wall adapter (not included) or a powered USB port.
3. The LED indicator lights will illuminate to show charging progress. All four lights will be solid when fully charged.

It is recommended to fully charge the powerstation go rugged every 3 months when not in use to maintain battery health.

## OPERATING INSTRUCTIONS

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### Charging Your Devices (USB-A Output)

The powerstation go rugged features two USB-A ports to charge your portable electronic devices.

1. Connect your device's USB charging cable to one of the USB-A output ports on the powerstation go rugged.
2. The powerstation go rugged will automatically begin charging your device.
3. Monitor your device's charging indicator.



Image: The powerstation go rugged actively charging a smartphone and a tablet simultaneously using its dual USB-A ports.

### Jump Starting a Vehicle

The powerstation go rugged can jump start a full-sized truck and 12V vehicle batteries in seconds. Ensure your vehicle's battery is 12V before proceeding.

1. Ensure the powerstation go rugged is fully charged.
2. Connect the mini jumper cables to the jump start port on the powerstation go rugged.
3. Connect the **red** (positive) clamp to the **positive (+)** terminal of your vehicle's battery.

4. Connect the **black** (negative) clamp to a metal part of the vehicle's engine block or chassis, away from the battery.
5. Once connected, the indicator lights on the powerstation go rugged will provide feedback. Green indicates ready to jump, red indicates an error (e.g., reverse polarity).
6. Start your vehicle.
7. Once the vehicle starts, immediately disconnect the **black** (negative) clamp, then the **red** (positive) clamp from the vehicle battery.
8. Disconnect the jumper cables from the powerstation go rugged.

*Note: The powerstation go rugged features spark-proof jumper cables and automated safety checks to help prevent incorrect connections.*



Image: The powerstation go rugged and its jumper cables set up in a vehicle's engine bay, demonstrating proper placement for jump starting.

## Using the Floodlight

The integrated floodlight provides illumination for various situations, especially useful during roadside emergencies.

- Locate the floodlight button on the powerstation go rugged.
- Press the button once to turn on the floodlight.
- Press again to cycle through different light modes (if applicable, e.g., solid, SOS, strobe).
- Press and hold to turn off the floodlight.

## MAINTENANCE

- **Cleaning:** Use a clean, dry, lint-free cloth to wipe the surface of the powerstation go rugged. Do not use harsh chemicals or abrasive materials.
- **Storage:** Store the powerstation go rugged in a cool, dry place away from direct sunlight and extreme temperatures.
- **Battery Care:** To maintain the internal battery's health, fully charge the unit at least once every three months, even if not in regular use.
- **Cable Care:** Inspect jumper cables for any damage before each use. Store them neatly in the carrying pouch.

## TROUBLESHOOTING

If you encounter issues with your powerstation go rugged, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
Powerstation not charging	Charging cable or adapter issue; unit not properly connected.	Ensure the USB-C cable is securely connected to both the powerstation and the power source. Try a different USB wall adapter or cable.
Devices not charging from USB ports	Powerstation battery low; device cable issue; powerstation not activated.	Check powerstation battery level. Ensure device cable is securely connected. Press the power button on the powerstation to activate USB output.
Vehicle not jump starting	Low powerstation battery; incorrect cable connection; vehicle battery too low or damaged.	Ensure powerstation is fully charged. Verify correct positive/negative clamp connection. Check indicator lights for error signals. Consult a mechanic if vehicle battery is severely damaged.
Red indicator light on jumper cables	Reverse polarity connection; short circuit detected.	Immediately disconnect clamps and re-connect them, ensuring red clamp is on positive (+) and black clamp is on a metal ground point.

## SPECIFICATIONS

Feature	Detail
Model Number	mpsgrgd-COM29970
Internal Battery Capacity	29.9Wh
Jump Start Capability	12V vehicles (full-sized trucks, cars)
USB Output	2 x USB-A ports
Charging Input	USB-C
Dimensions (L x W x H)	8.75 x 3.25 x 4.5 inches
Weight	13.9 ounces
Special Features	Fast Charging, Built-in Floodlight, Spark-proof Jumper Cables, Automated Safety Checks

## WARRANTY AND SUPPORT

For warranty information or product support, please refer to the mophie official website or contact their customer service directly. Keep your proof of purchase for any warranty claims.

**Website:** [www.mophie.com](http://www.mophie.com)