



**powerstation® go rugged AC**
























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OPERATING INSTRUCTIONS

## IMPORTANT SAFETY INSTRUCTIONS

### Warning

**DANGER-CAUTION Read and understand all safety information before using this product. Failure to follow these instructions may result in electrical shock, explosion, fire which may result in serious injuries, death or property damage.**

-  When used correctly, lithium-ion rechargeable batteries provide a safe and dependable source of portable power. However, if they are misused or abused, this may result in leakage, burns, fire or explosion, causing personal injury or damage to other devices.
-  Misusing or incorrectly connecting the powerstation go rugged AC may cause electric shock to users and damage equipment.
-  Do not operate in explosive atmospheres such as in the presence of flammable liquids, gases or dust.
-  Remove jump start clamps from vehicle battery after jump starting vehicle.
-  Keep the powerstation go rugged AC dry and away from moisture and corrosive materials. The powerstation go rugged AC should not be used near water or wet areas such as bathtubs, showers, bathrooms, sinks, swimming pools or basements.
-  Do not expose the powerstation go rugged AC to moisture, water, rain, or snow.
-  Keep the powerstation go rugged AC away from heat sources, including open flames, radiators, stoves, ovens, and any other devices that produce heat.
-  The lithium-ion rechargeable battery used in this charging device may present a risk of fire or chemical burn if mistreated. Do not expose to fire or excessive temperature. Do not expose to heat above 212°F (100°C) or incinerate.
-  In the unlikely event of leakage or explosion use sand or a chemical fire extinguisher.
-  The powerstation go rugged AC may become warm under extended high power operation. Do not cover, wrap, or otherwise restrict the powerstation go rugged AC during operation.
-  Do not disassemble the powerstation go rugged AC. There are no user-serviceable parts inside. Incorrect reassembly may result in shock or fire hazard.
-  Do not drop or subject to strong impacts. Do not operate the powerstation go rugged AC if it has received a sharp blow, or has otherwise been damaged in any way.
-  Do not puncture, crush or subject to mechanical shock.
-  Only charge the powerstation go rugged AC by the specified method with the specified charging adapter provided with the unit.
-  Do not use any non-mophie-branded accessories with the powerstation go rugged AC. Doing so may cause electric shock to users and damage equipment.
-  The powerstation go rugged AC, along with its accessories, are not toys and should be kept away from children.
-  Make sure the jumper cables are fully plugged into the jump start output before trying to jumpstart your vehicle.
-  Do not touch red (positive) and black (negative) jumper clamps together at any point.
-  Do not insert any foreign object into the ports or openings of the powerstation go rugged AC.
-  Do not clean the powerstation go rugged AC with harsh chemicals, soaps or detergents. Just wipe the case with a soft cloth.
-  Make sure the powerstation go rugged AC's charging ports do not become contaminated with lint or other debris. Use a canned-air type of product periodically to ensure that the port openings are clear.
-  Batteries should be recycled or disposed of as per state and local guidelines.
-  Storage: -4°F – 158°F (-20°C – 70°C), Discharge: 14°F – 122°F (-10°C – 50°C), Charge: 32°F – 113°F (0°C – 45°C)

## SAVE THESE INSTRUCTIONS

### Charging your powerstation go rugged AC

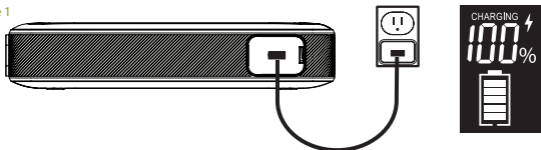
**IMPORTANT:** Before using the powerstation go rugged AC for the first time, fully charge it (so that pressing any button lights up all five LEDs on the LED Battery Indicators).

To charge the powerstation go rugged AC, use the provided Wall Charging Adapter, and plug the provided USB Type-C cable into the charging port. Next, connect the wall charging adapter into a wall outlet. The powerstation go rugged AC will automatically begin charging. When the powerstation go rugged AC is fully charged, all five battery indicator bars will be solid white and the digital screen will indicate 100% charged. This could take up to 9 hours).

**NOTE:**

- The powerstation go rugged AC is designed to charge between 32°F-113°F (0-45° C). A "TEMP" indicator will be illustrated on the digital display if the powerstation go rugged AC is attempted to be charged outside of this temperature range.
- While charging, the digital screen will illustrate the charge percentage of the powerstation go rugged AC. When fully charged, disconnect the cable.

Figure 1

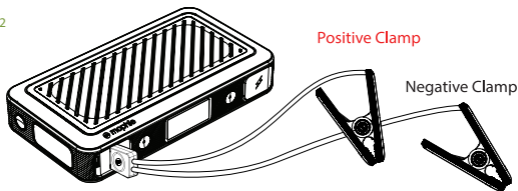


**Jump starting a vehicle**

1. Plug the jumper cables into the jump-start output on the powerstation go rugged AC.

**NOTE:** Make sure the jumper cables are fully plugged into the jump-start output before trying to jump start your vehicle.

Figure 2



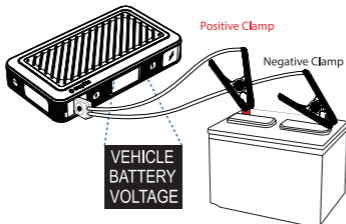
2. Attach the jumper cable clamps to the vehicle battery.

- Red clamp on positive terminal (+)
- Black clamp on negative terminal (-)

**NOTE:**

- Once the jumper cable clamps are attached to the vehicle battery, the LCD will display the vehicle battery voltage.
- Do not touch red (positive) and black (negative) clamps together at any point. If the jump start button flashes red, the jumper cables have been connected incorrectly. If this flashing red condition occurs, disconnect the jumper cables from vehicle battery and restart the process from Step 1.

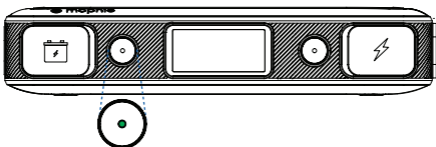
Figure 3



3. Press the "Jump-Start" button and wait for solid green light.

NOTE: A flashing green light indicates safety checks are in progress.

Figure 4



4. Start your vehicle.

NOTE: If your vehicle fails to start after the first attempt, wait 30 seconds and repeat step 3 and step 4. If your vehicle does not start after three attempts, we recommend you consult a certified mechanic.

5. Disconnect the jumper cable clamps from the car battery.



NOTE:


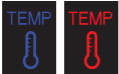
- The jump-start function can not be used in conjunction with USB charging. Please ensure that you have not activated the USB output when attempting to jump-start your vehicle.
- The powerstation go rugged AC is designed to allow a jump-start when used within a safe temperature range. A "TEMP" indicator will be illustrated on the digital display if used outside of the temperature operating range.



#### Jump start troubleshooting tips

NOTE: If none of these troubleshooting tips work, please consult a certified mechanic for assistance.

Condition	Potential Cause	Solution
<b>The Jump Start button has been pressed but nothing happens</b>	The USB ON/OFF Button or the AC Outlet ON/OFF Button has been pressed.	The jump start output can not be used in conjunction with the USB output or AC Outlet modes. Ensure that both USB and AC Outlet modes are off.
<b>The powerstation go rugged AC displays a red "BATT TOO LOW" message</b> 	The powerstation go rugged AC is not sufficiently charged to jump-start the vehicle.	Recharge the powerstation go rugged AC. Verify the powerstation go rugged AC has greater than a 50% charge.
<b>The Jump Start button flashes red and a SAFETY CHECK FAIL message is displayed</b> 	The jumper cables have not been properly connected to the vehicle battery.	Check the jumper cables and ensure that the red clamp is connected to the positive terminal (+) and the black clamp is connected to the negative terminal (-).

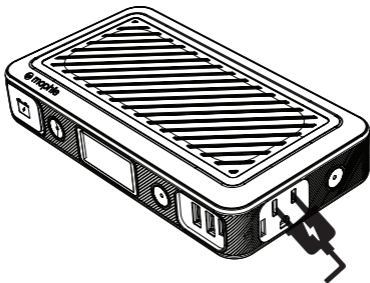
Condition	Potential Cause	Solution
<p>The Jump Start button flashes green continuously</p> 	<p>The powerstation go rugged AC is waiting to be connected to a battery or a SAFETY CHECK FAIL has been triggered.</p>	<p>Check the jumper cables and ensure they are properly connected to the battery. Check and ensure the vehicle battery voltage is greater than 2.0V. If the SAFETY CHECK FAIL indicator is triggered during the jump start process, it is recommended that you consult with a certified mechanic.</p>
<p>The powerstation go rugged AC displays a blue or red "TEMP" indicator</p> 	<p>The powerstation go rugged AC has detected a low or high temperature condition.</p>	<p>Disconnect the powerstation go rugged AC and allow unit to acclimate to temperature operating range (14°F to 122°F) (-10°C to 50°C).</p>
<p>You can not successfully jump start your vehicle. The powerstation go rugged AC displays a vehicle battery voltage greater than 12.0V</p>	<p>The powerstation go rugged AC detects that it is connected to a vehicle battery with a normal starting voltage. This could indicate that another vehicle component is faulty.</p>	<p>It is recommended that you consult with a certified mechanic.</p>
<p>The Jump Start and On/Off button flashes red and white</p>	<p>This could occur when attempting to jump start a vehicle while other electrical components (i.e. headlights, heater, radio, etc.) are on.</p>	<p>Turn off your headlights and any other components that may drain your car battery and try the jump start process again.</p>
	<p>The vehicle battery may be faulty.</p>	<p>It is recommended that you consult with a certified mechanic.</p>

#### Charging a laptop (via the AC output port)

1. Connect the AC power plug from your laptop (or other electronic device which is rated at 65 watts or less) into the AC output port of the powerstation go rugged AC.

NOTE: Any electronic device can be powered by the AC output port as long as it is rated at 65 watts or less. BE SURE TO CHECK THAT YOUR LAPTOP OR OTHER ELECTRONIC DEVICE IS RATED AT 65 WATTS OR LESS.

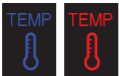
Figure 5



2. Press the AC Power ON/OFF Button and wait for a solid white light.

**NOTE:**

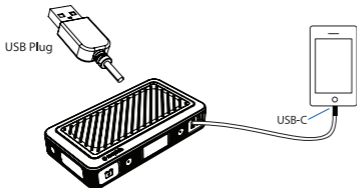
- Make sure the AC power plug is fully plugged into the AC output port before pressing the AC Power ON/OFF Button.
- A flashing white light indicates safety checks are in progress. If you see a flashing red light, the device you connected is rated for greater than 65 watts and cannot be powered using the powerstation go rugged AC.
- The powerstation go rugged AC will automatically power off after 30 minutes of inactivity. While jump starting your vehicle, you cannot charge your electronic devices using the USB or AC output ports and you cannot charge the powerstation go rugged AC.

Condition	Potential Cause	Solution
<b>The power ON/OFF button flashes red</b>	Electronic device is rated at greater than 65 watts.	Only electronic devices rated at 65 watts or less can be used with the powerstation go rugged AC.
	The powerstation go rugged AC is not sufficiently charged to power the connected electronic device.	Recharge the powerstation go rugged AC.
<b>The powerstation go rugged AC shuts off unexpectedly</b>	The powerstation go rugged AC is not sufficiently charged to power the connected electronic device.	Recharge the powerstation go rugged AC.
<b>The powerstation go rugged AC displays a blue or red "TEMP" indicator</b> 	The powerstation go rugged AC has detected a low or high temperature condition.	Disconnect the powerstation go rugged AC and allow unit to acclimate to temperature operating range (14°F to 122°F) (-10°C to 50°C).

**Charging an electronic device using USB output port**

1. Connect the USB Type-C tip of the supplied USB Type-C Cable into the USB Type-C input of your electronic device and connect the Standard USB end of the supplied USB Type-C cable into either one of the powerstation portable battery USB 5V/2.4A Output ports.

Figure 6

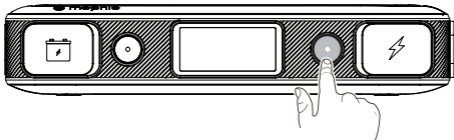


2. Turn on the USB charging by pressing the USB Power ON/OFF Button on the powerstation go rugged AC.

**NOTE:**

- If your electronic device does not have a USB Type-C Input, the powerstation go rugged AC is also compatible with the charging cable provided with your electronic device. To use, plug the Standard USB end of the cable into the 5V/2.4A USB Output port located on the powerstation go rugged AC.
- The powerstation go rugged AC USB charging feature will automatically power off after 30 minutes of inactivity.

Figure 7

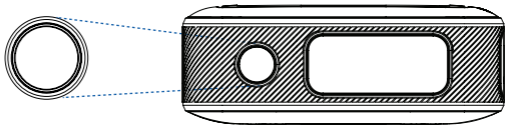


### Using the floodlight

The floodlight can be turned on and off by simply pressing and releasing the floodlight ON/OFF button. (Figure 5) The first press will turn on the floodlight. Second press will turn on the red emergency light. Third press will turn on SOS flashing red light. The floodlight will automatically turn off after 2 hours of inactivity.

NOTE: Do not look directly into the LED lights

Figure 8



### Warranty

At mophie, we are dedicated to making the best quality products. To back this up, this product is warranted for 2 years. For full details regarding warranty terms, exclusions and limitations, please visit: [mophie.com/warranty](http://mophie.com/warranty). This warranty does not affect any statutory rights that you may be entitled to. Keep a copy of your purchase receipt as proof of purchase. Be sure to register your product at [mophie.com](http://mophie.com).

### Customer Service

Telephone: 1-888-8mophie (1-888-866-7443)

International: +1 (269) 743-1340

Web: [www.mophie.com/cs](http://www.mophie.com/cs)

### Specifications

Model.....	MPSGRGD-AC55500
Battery Pack Energy.....	contains a 55500 mWh internal battery
Jump-Start.....	12V/600Amps
Input.....	5V/2A
USB Output.....	2x USB 5V/2.4A
Dimensions.....	3.82 x 7.17 x 1.5 inches
Weight.....	1.66 lbs
Operating Temperature (During Charging).....	32°F - 113°F (0°C - 45°C)
Operating Temperature.....	14°F - 122°F (-10°C - 50°C)

### Legal

Manufacturer shall not in any way be liable to you or to any third party for any damages you or any third party may suffer as a result of use, intended or unintended, or misuse of this product in conjunction with any device or accessory other than the appropriate device for which this product is designed. Manufacturer will not be responsible for any damages you or any third party may suffer as a result of misuse of this product as outlined above. Purchaser agrees to defend, indemnify, and hold Manufacturer harmless for any claims or damages arising from unintended use or misuse, including use with an unintended device.

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This device complies with part 15 of the FCC Rules and RSS-Gen of IC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

NOTE: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference

in a residential installation. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation.

If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

**CAUTION:** To comply with the limits of the Class B digital device, pursuant to Part 15 of the FCC Rules, this device must be used with certified peripherals and shielded cables. All peripherals must be shielded and grounded. Operation with non-certified peripherals or non-shielded cables may result in interference to radio or reception.

This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with minimum distance 20cm between the radiator & your body.

Any changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

**MODIFICATION:** Any changes or modifications of this device could void the warranty.



**WEEE DECLARATION:** All of our products are marked with the WEEE symbol; this indicates that this product must NOT be disposed of with other waste. Instead it is the user's responsibility to dispose of their waste electrical and electronic equipment by handing it over to an approved re-processor, or by returning it to mophie for reprocessing. For more information about where you can send your waste equipment for recycling, please contact mophie, inc. or one of your local distributors.



 **STAY POWERFUL®**

**Customer Service**

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**International: +1 (269) 743-1340**

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

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