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› [GREPRO](#) /

› [GREPRO GP196 Pro Car Battery Jump Starter User Manual](#)

GREPRO GP196 Pro

GREPRO GP196 Pro Car Battery Jump Starter User Manual

Model: GP196 Pro

1. INTRODUCTION

Thank you for choosing the GREPRO GP196 Pro Car Battery Jump Starter. This device is designed to provide a reliable and portable solution for starting vehicles with dead batteries, as well as serving as a power bank for electronic devices and an emergency flashlight. Please read this manual thoroughly before use to ensure safe and optimal operation.

The GP196 Pro is a powerful and versatile tool, capable of starting most 12V vehicles, including cars, trucks, motorcycles, snowmobiles, and lawn mowers. It supports engines up to 10.0L for gas and 8.0L for diesel. Its compact design and intelligent safety features make it an essential item for any vehicle owner.

POWERFUL GP196PRO JUMP STARTER



Petrol 10.0L



Diesel 8.0L



Motorcycle



Mower



Image: The GREPRO GP196 Pro jump starter is capable of starting various vehicles, including those with up to 10.0L gas or 8.0L diesel engines, motorcycles, and lawn mowers.

2. SAFETY INFORMATION

Always observe the following safety precautions to prevent injury or damage to the device or vehicle:

- Do not allow the red and black clamps to touch each other.
- Do not jump start a vehicle if the battery level of the jump starter is below 20%.
- Do not attempt to jump start vehicles with voltage systems other than 12V.
- Do not leave the jump starter connected to the vehicle battery after the vehicle has started.
- Keep out of reach of children.
- Store in a cool, dry place away from direct sunlight and high temperatures.
- If the jump starter becomes excessively hot during use, discontinue operation immediately.
- The smart jumper cables include 10 built-in protections: Over Charge, Short Circuit, Reverse Polarity, Low Temp, High Temp, Over Voltage, Over Load, Reverse Charge, Over Current, and Over Discharge Protection.

LED FLASHLIGHT



LED
Flashlight



Strobe



SOS



Image: The smart jumper clamps feature ten built-in protections to ensure safe operation during jump starting.

3. PACKAGE CONTENTS

Upon unpacking, please verify that all items listed below are included:

- 1 x GREPRO GP196 Pro Jump Starter
- 1 x Portable Carry Case
- 1 x 12V Smart Battery Clamps (Jumper Cable)
- 1 x USB Type-C Charging Cable
- 1 x User Manual

YOU CAN GET

- 1 GP196Pro Jump Starter
- 2 Portable Carry Case
- 3 Packing Box
- 4 12V Smart Battery Clamps
- 5 Type-C USB Cable
- 6 Friendly User Manual



Image: Contents of the GREPRO GP196 Pro Jump Starter package, including the main unit, smart clamps, charging cable, carry case, and user manual.

4. PRODUCT OVERVIEW

Familiarize yourself with the components and features of your GREPRO GP196 Pro Jump Starter:

PRODUCT DIAGRAMS



Image: Detailed diagram highlighting the various parts of the GREPRO GP196 Pro jump starter, including ports, indicators, and controls.

- **LCD Display:** Shows remaining battery percentage and charging status.
- **Jump Starter Output:** Port for connecting the smart jumper cables.
- **USB-C Input Port:** For charging the jump starter unit.
- **USB Output Ports:** For charging external electronic devices.
- **LED Flashlight:** Multi-mode flashlight for illumination.
- **Power Switch:** To turn the unit on/off and cycle flashlight modes.

5. SPECIFICATIONS

Feature	Specification
Model	GP196 Pro
Peak Current	3000 Amps

Feature	Specification
Engine Compatibility	Up to 10.0L Gas / 8.0L Diesel
Battery Type	Lithium Polymer
Operating Temperature	-4°F to 140°F (-20°C to 60°C)
Item Weight	2.05 pounds (0.93 kg)
Dimensions (L x W x H)	7.83 x 5.08 x 4.21 inches (Package)



Image: The jump starter is designed to operate effectively across a wide range of temperatures, from extreme heat to freezing cold.



Image: The compact and portable design of the jump starter, highlighting its dimensions and light weight.

6. CHARGING THE JUMP STARTER

Before first use, fully charge the GREPRO GP196 Pro. It is recommended to recharge the unit every 3 months to maintain optimal battery health, even if not in use.

1. Connect the provided USB Type-C charging cable to the USB-C Input Port on the jump starter.
2. Connect the other end of the USB cable to a suitable USB wall adapter (not included) or a powered USB port.
3. The LCD display will show the charging progress. The unit is fully charged when the display shows 100%.



Image: The jump starter unit being charged via its USB-C port, and also demonstrating its capability to charge external devices.

7. OPERATING INSTRUCTIONS: JUMP STARTING A VEHICLE

Follow these steps carefully to jump start your vehicle:

1. **Prepare the Jump Starter:** Ensure the jump starter has at least 20% charge.
2. **Connect Jumper Cable:** Insert the blue end of the smart jumper cable into the jump starter's output port.
3. **Connect Clamps to Battery:** Attach the red (+) clamp to the positive (+) terminal of the vehicle's battery. Attach the black (-) clamp to the negative (-) terminal of the vehicle's battery.
4. **Check Indicator:** The indicator light on the smart jumper cable should turn solid green, indicating a safe connection. If it flashes or shows red, check connections and troubleshoot.
5. **Start Vehicle:** If the indicator is green, start your car engine. If the car does not start on the first attempt, wait 30 seconds before trying again. If the battery is completely dead, you may need to press the 'BOOST' button on the smart cable (refer to smart cable instructions for details).
6. **Remove Clamps:** Once the vehicle starts, immediately remove the black (-) clamp, then the red (+) clamp, and finally disconnect the jumper cable from the jump starter.



Image: A step-by-step visual guide demonstrating the process of jump starting a vehicle using the GREPRO GP196 Pro.

8. USING AS A POWER BANK

The GREPRO GP196 Pro can charge various electronic devices via its USB output ports.

1. Connect your device's USB charging cable to one of the USB output ports on the jump starter.
2. The jump starter will automatically begin charging your device. The LCD display will show the remaining power.
3. Disconnect your device once charging is complete.



Image: The jump starter functioning as a portable power bank, charging a smartphone and tablet.

9. USING THE LED FLASHLIGHT

The built-in LED flashlight offers multiple modes for various situations:

1. **Turn On:** Press and hold the power button for 3 seconds to turn on the flashlight (steady light mode).
2. **Cycle Modes:** Briefly press the power button to cycle through modes: Steady Light > Strobe Light > SOS Signal > Off.
3. **Turn Off:** Press the power button until the light turns off, or press and hold for 3 seconds in any mode to turn off directly.

PORTABLE POWER BANK



Image: The LED flashlight offers multiple modes (lighting, strobe, SOS) for diverse applications, from general illumination to emergency signaling.

10. MAINTENANCE AND STORAGE

- Clean the unit with a dry, soft cloth. Do not use harsh chemicals or abrasive materials.
- Store the jump starter in its portable carry case in a cool, dry place.
- Recharge the unit at least once every three months to prolong battery life, even if not used.
- Avoid exposing the unit to extreme temperatures, direct sunlight, or moisture.

11. TROUBLESHOOTING

Problem	Possible Cause	Solution
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Problem	Possible Cause	Solution
Vehicle does not start	Low charge on jump starter; incorrect clamp connection; vehicle battery completely dead.	Ensure jump starter is sufficiently charged (>20%). Check clamp polarity and secure connection. Press the 'BOOST' button on the smart cable if the vehicle battery is very low.
Smart cable indicator flashes red/green or stays red	Reverse polarity; short circuit; over-temperature; low voltage.	Disconnect clamps and re-connect correctly (red to +, black to -). Check for any short circuits. Allow unit to cool if hot. Ensure jump starter has enough charge.
Jump starter not charging	Faulty cable or adapter; damaged port.	Try a different USB-C cable and wall adapter. Contact customer service if the issue persists.
Electronic devices not charging	Low charge on jump starter; faulty USB cable; device incompatibility.	Ensure jump starter is charged. Try a different USB cable. Verify device compatibility.

12. WARRANTY AND SUPPORT

The GREPRO GP196 Pro Car Battery Jump Starter comes with a **2-year product quality assurance**. If you encounter any issues or have questions regarding your product, please do not hesitate to contact our **24-hour customer service**. Our team is ready to assist you.

For support, please refer to the contact information provided in your purchase documentation or visit the official GREPRO website.