

Overview

The GREPRO GP181 is a portable jump starter, power bank, and emergency flashlight designed for 12V vehicles. It is intended to provide a boost to a discharged vehicle battery and can also be used to charge USB devices and power 12V accessories.



Features & Specifications

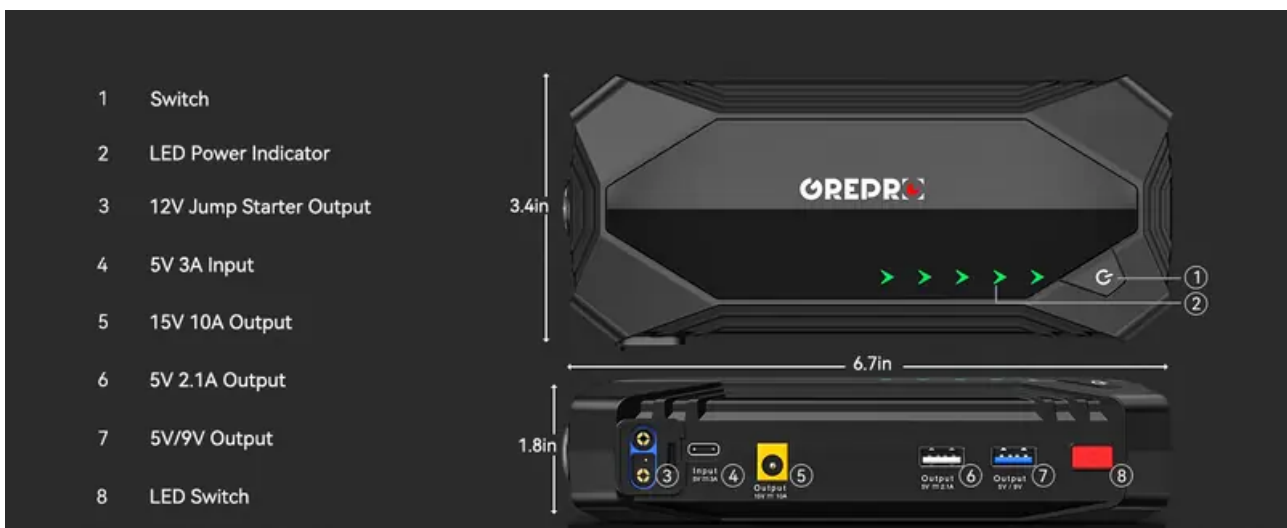
Core Functions

- **Jump Starting:** Starts 12V vehicles including cars, vans, trucks, motorcycles, snowmobiles, and lawn mowers up to 10.0L petrol or 8.0L diesel engines.

- **Power Bank:** Features dual USB ports (Quick Charge 3.0) for charging phones, tablets, and other devices.
- **12V DC Output:** A 15V/10A output port (via included cigarette lighter adapter) for powering car air pumps, vacuums, or other 12V accessories.
- **Emergency Tools:** Built-in LED flashlight with multiple modes and a compass.

Technical Specifications

Peak Current	3000 Amps
Battery Type	Lithium Polymer
Battery Capacity	48.84 Watt Hours
Voltage	12 Volts
USB Output	Dual Ports (5V/9V, 5V/2.1A)
DC Output	15V, 10A Max
Operating Temperature	-20°C to 55°C (-4°F to 131°F)
Dimensions	8.6D x 18.3W x 4.6H cm
Weight	510 Grams
Certifications	UKCA, CE, FC, RoHS



Components & Indicators

What's Included

- 1 x GP181 Jump Starter Unit
- 1 x Smart Jumper Cables
- 1 x Portable Carry Bag
- 1 x Cigarette Lighter Adapter
- 1 x Micro-USB Cable
- 1 x USB-C Cable
- 1 x User Manual

Device Interface

The main unit has the following ports and controls:

- **Power Button:** Turns the unit on/off and cycles flashlight modes.
- **Battery Level Indicator:** LED lights showing remaining charge.
- **USB Output Ports (x2):** For charging electronic devices.
- **DC 15V Output Port:** For connecting the cigarette lighter adapter.
- **Jump Start Terminal:** Connects to the smart jumper cables.
- **Flashlight/Compass:** Located on the front of the unit.

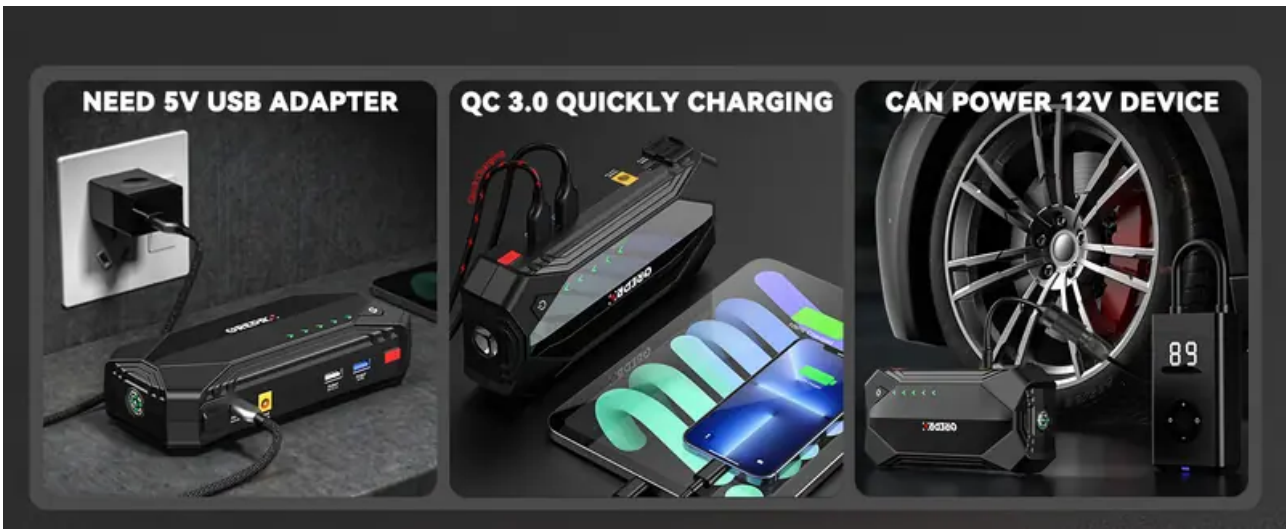
Use Guide

Charging the Jump Starter

1. Use the included Micro-USB or USB-C cable to connect the jump starter to a standard USB power adapter (5V/2A or greater recommended).
2. The battery indicator LEDs will illuminate during charging. All LEDs will be solid when fully charged.
3. **Maintenance:** If the device will not be used for an extended period, recharge it fully at least once every three months to maintain battery health.

Using as a Power Bank

1. Press the power button to turn the unit on.
2. Connect your device (phone, tablet, etc.) to one of the USB ports using your own cable.
3. The battery indicator will show the remaining capacity. Charging will begin automatically.



Using the 12V DC Output

1. Plug the included cigarette lighter adapter into the DC 15V output port on the jump starter.
2. Plug your 12V accessory (e.g., air compressor, vacuum) into the socket on the adapter.
3. Turn on the jump starter. The accessory should now receive power.

Using the Flashlight & Compass

- **To Activate:** Press the power button once to turn on steady light. Press again for strobe mode. Press a third time for SOS mode. Press a fourth time to turn off.
- **Compass:** The built-in compass is located next to the flashlight lens for basic orientation.



Jump Starting a Vehicle

WARNING: Read all instructions before proceeding. Incorrect use can cause injury or damage. Ensure the jump starter and vehicle battery are 12V. Do not use to jump start 24V systems. Do not touch the metal clamps together.

1. **Prepare the Jump Starter:** Ensure it is sufficiently charged (at least 20% indicated).

2. **Connect the Cables:**

- Plug the smart jumper cable connector firmly into the jump start port on the GREPRO unit.
- Connect the RED clamp to the POSITIVE (+) terminal of the dead vehicle battery.
- Connect the BLACK clamp to a clean, unpainted metal part of the vehicle's engine block or chassis (a ground point), away from the battery and fuel lines.

3. **Initiate Jump Start:**

- Ensure the cable connections are secure and correct.
- Press the BOOST button on the smart jumper cable handle.
- The cable's indicator should light up, confirming it is ready.

4. **Start the Vehicle:** Get into the vehicle and attempt to start the engine as normal. It should start within a few seconds.

5. **Disconnect the Cables:** Once the vehicle is running:

1. Press the BOOST button again to turn off the cable.
2. Remove the BLACK clamp from the vehicle's ground point.
3. Remove the RED clamp from the battery's positive terminal.
4. Unplug the cable from the GREPRO unit.

6. Allow the vehicle to run to recharge its own battery. Recharge the GREPRO jump starter at your earliest convenience.

HOW TO START YOUR CAR



Safety & Protection Features

The GREPRO GP181 includes multiple protections for safe operation:

- Spark-proof technology on jumper clamps.
- Protection against reverse polarity, over-current, short circuit, overload, over-voltage, and over-charge.
- High-temperature and low-temperature protection.
- Certified lithium-ion cells.

Important Safety Notes:

- Keep away from children.
- Do not disassemble, puncture, or incinerate the unit.
- Store in a cool, dry place away from direct sunlight and liquids.
- Only use the provided cables and adapters or certified replacements.
- If the unit is damaged, swollen, or emits odor, discontinue use immediately.

Troubleshooting

- **Unit does not turn on:** Recharge the battery fully.
- **Vehicle does not jump start:**
 - Verify all cable connections are correct, secure, and clean.
 - Ensure the GREPRO unit has sufficient charge.
 - The vehicle's battery may be severely damaged or the problem may not be battery-related.
 - Wait a few minutes and try again.

- **USB devices not charging:** Try a different cable. Ensure the device is compatible with the output (5V/9V).
- **Flashing battery indicator:** Usually indicates a protection mode (e.g., overload, temperature). Disconnect all loads, turn off the unit, and allow it to cool down before reattempting.

Warranty and Support

This product includes a 24-month warranty service and lifetime technical support from GREPRO. For support, contact the seller from whom you purchased the product or refer to the contact information provided in the packaging.

Warning

This content is compiled from multiple sources and is provided for reference purposes only. It may not be complete or fully applicable to all situations. If you are unable to resolve your issue, please contact the product manufacturer or an authorized service provider for official support.