GOOLOO GP4000

GOOLOO GP4000 Jump Starter User Manual

Model: GP4000

Introduction

The GOOLOO GP4000 Jump Starter is a powerful and reliable portable device designed to jump-start dead vehicle batteries. It also functions as a portable power bank for charging various electronic devices. This manual provides essential information for the safe and effective operation, maintenance, and troubleshooting of your GP4000 Jump Starter.

What's in the Box

- GOOLOO Heavy-Duty Portable Car Battery Jump Starter GP4000
- Smart Jumper Cable
- USB to Type-C Cable
- EVA Storage Case
- User Manual (this document)



Figure 1: Package Contents. The image displays the GOOLOO GP4000 jump starter, smart jumper cables, a USB to Type-C cable, and an EVA storage case, all neatly arranged on a table.

Product Overview and Features

The GOOLOO GP4000 is engineered for robust performance and user safety. Key features include:

- **Powerful Jump Starting:** 4000A peak current, capable of starting all gasoline engines and diesel engines up to

10.0L.

- **Versatile Compatibility:** Suitable for 12V vehicles, motorcycles, pickup trucks, RVs, tractors, trucks, cargo vans, ATVs, snowmobiles, and yachts.
- **Portable Power Bank:** Features dual USB output ports (one with fast charging) and a USB Type-C port (5V/3A) for charging smartphones, tablets, cameras, and other portable devices.
- **Advanced Safety Protections:** Equipped with 10 types of built-in protection to prevent misuse and ensure safe operation.
- **Durable Construction:** Made with hardened plastic and rubber corners for drop resistance.
- **Integrated LED Flashlight:** Provides illumination with Normal, Strobe, and SOS modes for emergency situations.
- **Extreme Weather Reliability:** Operates effectively in temperatures from -4°F (-20°C) to 140°F (60°C).



Figure 2: GOOLOO GP4000 Jump Starter. This image shows the main unit of the GP4000 jump starter, highlighting its compact design and the included smart jumper cables and storage case.



Figure 3: Portable Power Bank Functionality. The jump starter is shown charging a smartphone and a tablet on an outdoor table, demonstrating its versatility as a portable power bank.



Figure 4: Integrated LED Flashlight. This image illustrates the bright LED flashlight feature of the GP4000, useful for working in low-light conditions or emergencies.



Figure 5: Quality Metal Clamps. A detailed view of the durable, all-metal jumper cable clamps, emphasizing their robust construction and copper material for efficient power transfer.

Setup

Before first use, ensure the GP4000 is fully charged. Refer to the "Charging the GP4000" section for instructions.

Connecting the Smart Jumper Cables:

1. Insert the blue end of the smart jumper cable into the jumper cable socket on the GP4000 unit. Ensure it is fully inserted.
2. Connect the red clamp (+) to the positive terminal of the vehicle's battery.
3. Connect the black clamp (-) to the negative terminal of the vehicle's battery.
4. Observe the indicator light on the smart jumper cable. A blinking green light indicates it's ready to jump-start. If the battery voltage is extremely low, press the "BOOST" button on the smart jumper cable module to forcefully restart the car.



Figure 6: Jump Starting a Vehicle. The GP4000 unit is connected to a car battery using the smart jumper cables, illustrating the setup for jump-starting.

Operating Instructions

Jump Starting a Vehicle:

1. Ensure the GP4000 has at least 50% charge.
2. Connect the smart jumper cables to the GP4000 and then to the vehicle battery terminals as described in the "Setup" section.
3. Once the indicator light on the smart jumper cable is solid green (or after pressing BOOST for very low batteries), start your vehicle's engine.
4. Once the vehicle starts, immediately remove the smart jumper cables from the vehicle battery, then disconnect them from the GP4000 unit.

Important: Do not crank the engine for more than 3 seconds per attempt. Wait at least 30 seconds between attempts to allow the jump starter to cool down. If the vehicle does not start after 3 attempts, consult a professional mechanic.

Using as a Power Bank:

- Connect your electronic device to one of the USB output ports (USB-A or USB-C) on the GP4000 using an appropriate charging cable.
- The GP4000 will automatically begin charging your device.

Charging the GP4000

The GP4000 can be recharged via its USB Type-C input port. A wall charger is not included.

- Connect the provided USB to Type-C cable to the GP4000's Type-C port.
- Connect the other end of the USB cable to a compatible USB wall charger (5V/3A recommended) or a car charger.
- The LED indicators on the GP4000 will illuminate to show the charging progress. A full charge typically takes about 5 hours.



Figure 7: Charging with Wall Charger. The image shows the GP4000 connected to a wall outlet via a USB-C cable and wall adapter for recharging.

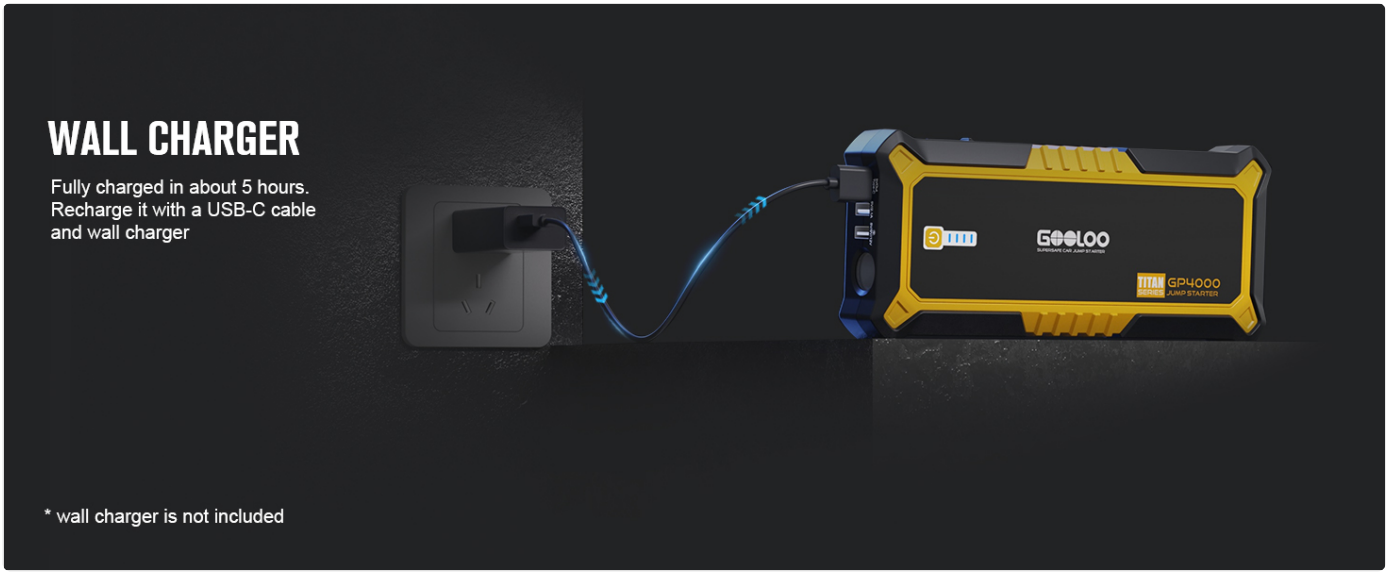


Figure 8: Charging with Car Charger. The GP4000 is depicted being charged inside a car using a car charger, highlighting its convenience for on-the-go recharging.

Maintenance

- Store the GP4000 in its EVA storage case when not in use to protect it from dust and damage.
- If the jump starter has been idle for an extended period, it is advisable to charge it every 2-3 months to maintain its optimal condition and battery life.
- Clean the unit with a dry, soft cloth. Do not use harsh chemicals or abrasive materials.
- Keep the smart jumper cable clamps clean and free of corrosion for optimal conductivity.

Troubleshooting

Unit does not turn on:

- Ensure the unit is charged. Recharge if necessary.
- Press and hold the power button for a few seconds.

Vehicle does not start:

- Check that the smart jumper cables are securely connected to both the GP4000 and the vehicle battery terminals. Ensure good contact.
- Verify the GP4000 has at least 50% charge.
- If the vehicle battery is extremely low, press the "BOOST" button on the smart jumper cable module.
- Do not attempt to crank the engine for too long. Allow the jump starter to cool down between attempts.
- Ensure the vehicle's battery is 12V.

Smart Jumper Cable indicator light issues:

- **Solid Red:** Reverse polarity. Disconnect and reconnect clamps correctly.
- **Flashing Red:** Short circuit. Check for proper connection and ensure clamps are not touching each other.
- **No Light:** Battery voltage too low or connection issue. Ensure secure connection and try pressing BOOST button.

Specifications

Brand	GOOLOO
Model	GP4000
Peak Output Current	4000 Amps
Product Dimensions	8.97"W x 3.92"D x 1.49"H
Item Weight	3.94 Pounds
Battery Type	Lithium Polymer
Operating Temperature	-4°F (-20°C) to 140°F (60°C)
USB-C Input/Output	5V/3A
USB Quick Charge Output	Yes

Warranty and Support

GOOLOO provides comprehensive support for its products:

- **Warranty:** 18 Months Warranty.
- **Technical Support:** Lifetime Technical Support.
- For assistance, please contact GOOLOO customer support.

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