GOOLOO GP80

GOOLOO GP80 800A Peak Car Jump Starter User Manual

Model: GP80

1. INTRODUCTION

The GOOLOO GP80 is a lightweight and compact lithium car jump starter designed for 12-volt vehicle batteries. It provides a safe and efficient way to jump start a dead battery in seconds. This device also functions as a portable power bank for various USB devices and includes a built-in LED flashlight for emergencies.

This manual provides essential information for the safe and effective operation, maintenance, and troubleshooting of your GOOLOO GP80 jump starter. Please read it thoroughly before use.

2. PACKAGE CONTENTS

Upon unpacking, please ensure all items listed below are present and in good condition:

- GOOLOO Jump Starter GP80 Unit
- Smart Jumper Cable
- Quick Charge Micro USB Cable
- Kit Bag
- User Manual (this document)

Image: All items included in the GOOLOO GP80 package, including the jump starter, smart jumper cables, USB cable, kit bag, and user manual.

3. PRODUCT OVERVIEW AND FEATURES

The GOOLOO GP80 is a versatile device designed for automotive emergencies and portable power needs.

3.1 Key Features

- **Powerful Jump Starter:** Capable of restarting vehicles with up to 4.5L gas engines using an 800A peak current. Suitable for cars, motorcycles, RVs, tractors, light-duty trucks, ATVs, and more.

- **Portable Power Bank:** Equipped with two USB outputs (5V 2.4A/9V 2A), including a Quick Charge 3.0 port for rapid charging of smartphones, tablets, and other mobile devices.

- **Emergency LED Work Light:** Features a built-in LED flashlight with three modes: High, Strobe, and SOS, useful for roadside emergencies or outdoor activities.

- **Advanced Safety Protection:** Integrated smart jumper clamps provide protection against over current, short circuit, overload, over-voltage, over-charge, reverse polarity, reverse connection, and over-discharge.

POWERFUL JUMP STARTER

800A Peak Current Start Your Engine,Drive Home Smoothly
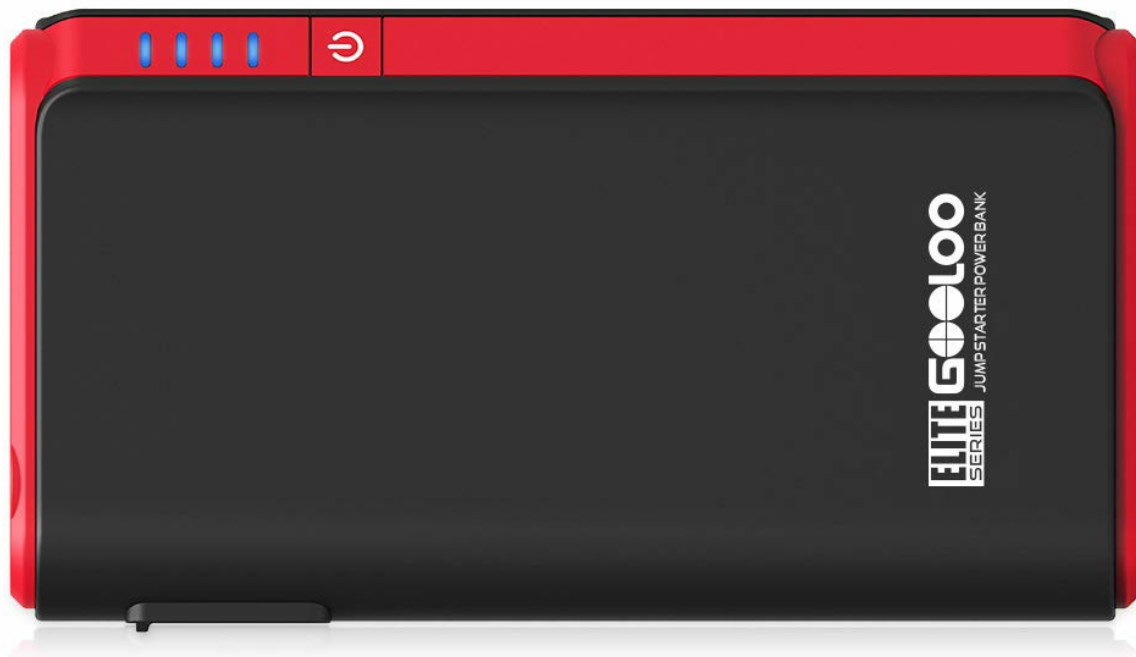
Gas:4.5L   Motorcycle   Yacht

Image: The GOOLOO GP80 jump starter shown with icons representing its capability to start gas engines up to 4.5L, motorcycles, and yachts.

3.2 Product Components

Familiarize yourself with the different parts of your GP80 unit:

Image: A diagram of the GOOLOO GP80 unit, highlighting the LED power indicator, power button, Quick Charge Input (IN 5V/9V), Quick Charge Output (OUT 5V/9V), standard USB Output (OUT 5V), LED light, and 12V Car Jumpstart port.

- **LED Power Indicator:** Displays the remaining battery level and charging status.
- **Power Button:** Turns the unit on/off and cycles through LED flashlight modes.
- **Quick Charge Input (IN 5V/9V):** For recharging the GP80 unit.
- **Quick Charge Output (OUT 5V/9V):** For fast charging compatible devices.
- **Standard USB Output (OUT 5V):** For charging standard USB devices.
- **LED Light:** Built-in flashlight.
- **12V Car Jumpstart Port:** Connection point for the smart jumper cable.

4. SETUP AND CHARGING THE GP80

Before first use, fully charge your GOOLOO GP80 unit.

4.1 Initial Charging

1. Connect the Quick Charge Micro USB Cable to the GP80's Quick Charge Input (IN 5V/9V) port.
2. Connect the other end of the USB cable to a compatible USB wall adapter (not included) or a car charger.

3. The LED power indicators will illuminate and flash during charging. All four LEDs will be solid when the unit is fully charged.

It is recommended to fully charge the unit every 3-4 months to maintain battery health, even if not in use.

5. OPERATING INSTRUCTIONS

5.1 Jump Starting a Vehicle

Follow these steps carefully to jump start your vehicle:

1. Ensure the GP80 unit has at least 50% charge (two LED indicators lit).
2. Connect the blue plug of the smart jumper cable into the 12V Car Jumpstart Port on the GP80 unit. Ensure a firm connection.
3. Attach the **red (+) clamp** of the smart jumper cable to the positive (+) terminal of your vehicle's battery.
4. Attach the **black (-) clamp** of the smart jumper cable to the negative (-) terminal of your vehicle's battery.
5. Once the clamps are correctly connected, the indicator light on the smart jumper cable will turn **solid green**, indicating it is safe to proceed. If it shows a different color or flashes, refer to the troubleshooting section.
6. Start your vehicle's engine.
7. Once the engine starts, immediately remove the smart jumper cable's **black (-) clamp** from the vehicle battery's negative terminal.
8. Then, remove the **red (+) clamp** from the vehicle battery's positive terminal.
9. Finally, disconnect the blue plug of the smart jumper cable from the GP80 unit.

Important: Do not repeatedly attempt to jump start a large engine vehicle in a short period. Allow the unit to cool down between attempts if necessary.

Image: The smart jumper clamps with an overlay listing protection features such as short circuit, high temperature, reverse connection, over current, surge voltage, reverse polarity, high voltage, and over discharge protection.

5.2 Using as a Portable Power Bank

The GP80 can charge your electronic devices:

1. Connect your device's USB charging cable to either the Quick Charge Output (OUT 5V/9V) or the standard USB Output (OUT 5V) port on the GP80.
2. Press the power button once to begin charging. The LED indicators will show the remaining battery level.
3. Disconnect your device once fully charged. The GP80 will automatically turn off after a period of inactivity.

QUICK CHARGING

Charging 110% Faster,10000mah Strong Safety Outputs

Ipad   iPhone   PSP   Camera

Quick Charge

9V/2A

5V/2.4A

IN:5V/9V

Image: The GOOLOO GP80 unit connected via USB cables to charge an iPhone and another smartphone, demonstrating its quick charging capability for various devices like iPads, PSPs, and cameras.

5.3 Using the LED Flashlight

The built-in LED flashlight offers three modes:

1. **To activate:** Long press the power button for approximately 3 seconds to turn on the LED light in **High** mode.
2. **To cycle modes:** Press the power button again to switch to **Strobe** mode. Press it a third time to activate **SOS** flashing mode.
3. **To turn off:** Long press the power button again for approximately 3 seconds.

Image: The GOOLOO GP80 unit with its LED flashlight illuminated, showing icons for Strong, SOS, and Strobe light modes, set against a dark, rainy background with a car.

6. SAFETY PRECAUTIONS

To ensure safe operation and prevent damage to the unit or injury, always observe the following safety guidelines:

- Do not use the jump starter if the smart jumper cable or the unit itself is damaged.
- Do not attempt to jump start a vehicle with a severely damaged or frozen battery.
- Ensure proper polarity when connecting the clamps (red to positive, black to negative). The smart jumper cable provides protection against reverse polarity.
- Do not allow the red and black clamps to touch each other once connected to the GP80.
- Keep the unit away from children.
- Do not expose the unit to water, extreme temperatures, or direct sunlight for extended periods.
- Do not disassemble or modify the unit.
- Use only the provided smart jumper cable and Quick Charge Micro USB cable.
- Disconnect the smart jumper cable from the vehicle battery within 30 seconds after the engine starts.

7. TROUBLESHOOTING

If you encounter issues with your GP80, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
Unit does not turn on	Battery is completely discharged.	Charge the GP80 unit fully.
Vehicle does not jump start	Low charge on GP80; incorrect clamp connection; vehicle battery severely damaged.	Ensure GP80 has sufficient charge (>50%). Check clamp connections for correct polarity and secure contact. If the smart cable indicator is not solid green, re-adjust clamps. Consult a mechanic if battery is severely damaged.
Smart Jumper Cable indicator is red/flashing	Reverse polarity; short circuit; over-temperature; low voltage.	Disconnect clamps and re-connect with correct polarity. Ensure clamps are not touching. Allow unit to cool if hot. Ensure GP80 is sufficiently charged.
Devices not charging from USB ports	GP80 is off; low battery; incompatible cable/device.	Press power button to activate USB output. Charge the GP80. Try a different USB cable or device.

8. SPECIFICATIONS

Detailed technical specifications for the GOOLOO GP80:

Specification	Value
Model	GP80
Peak Output Current	800 Amps
Vehicle Service Type	Passenger Car (up to 4.5L Gas Engine)
Battery Cell Composition	Lithium Polymer
Product Dimensions (LxWxH)	15.8 x 8.7 x 2.6 Centimeters
Item Weight	789 g
Bulb Type	LED (Stable/Strobe/SOS)
USB Output 1	5V/2.4A
USB Output 2 (Quick Charge)	5V/2.4A, 9V/2A
USB Input (Quick Charge)	5V/2.4A, 9V/2A

9. CARE AND MAINTENANCE

Proper care ensures the longevity and performance of your GP80:

- **Charging:** Recharge the unit every 3-4 months, even if not used, to maintain battery health.
- **Storage:** Store the GP80 in its kit bag in a cool, dry place, away from direct sunlight and extreme temperatures.
- **Cleaning:** Wipe the unit with a dry, soft cloth. Do not use harsh chemicals or abrasive materials.
- **Battery Disposal:** Do not dispose of the unit in household waste. Follow local regulations for lithium polymer battery recycling.

10. WARRANTY AND SUPPORT

GOOLOO products are designed for reliability and performance. For warranty information, please refer to the warranty card included in your package or visit the official GOOLOO website.

For technical support, troubleshooting assistance, or any questions regarding your GOOLOO GP80, please contact GOOLOO customer service through their official channels.