

## GOOLOO GP2000 & S4

# GOOLOO GP2000 Jump Starter & S4 Battery Charger User Manual

Comprehensive Guide for Safe and Effective Operation

## 1. INTRODUCTION

This manual provides detailed instructions for the safe and effective use of your GOOLOO GP2000 Jump Starter and GOOLOO S4 4Amp Car Battery Charger. Please read this manual thoroughly before operation to ensure proper usage and to prevent damage to the devices or injury.

The GOOLOO GP2000 is a powerful portable jump starter designed to start vehicles with up to 9.0L gas or 7.0L diesel engines. The GOOLOO S4 is an all-weather battery charger, maintainer, and desulfator compatible with various 6V and 12V lead-acid batteries, as well as 12V LiFePO4 batteries.

## 2. IMPORTANT SAFETY INFORMATION

Always observe the following safety precautions to avoid electric shock, explosion, fire, or injury.

- Read all instructions before using the product.
- Do not expose the devices to rain or wet conditions.
- Do not operate the devices if they have been dropped or damaged.
- Keep out of reach of children.
- Ensure proper ventilation during operation.
- Wear eye protection when working with batteries.
- The GP2000 is for jump-starting vehicles only; do not use it as a battery charger.
- The S4 is a battery charger/maintainer; it is not a jump starter.

## 3. PACKAGE CONTENTS

Verify that all items are present in your package:

- GOOLOO GP2000 Jump Starter

- GOOLOO S4 4Amp Car Battery Charger
- Heavy-duty Jumper Clamps (for GP2000)
- AC Power Cord (for S4)
- User Manual (this document)
- USB Charging Cable (for GP2000)



Image: The GOOLOO GP2000 Jump Starter and GOOLOO S4 Battery Charger, showing both units side-by-side. The GP2000 is on the right, a black and red rectangular device with power indicator lights. The S4 is on the left, a black and red unit with a digital display and attached power cord.

## 4. SETUP AND INITIAL CHARGING

### 4.1. GOOLOO GP2000 Jump Starter

Before first use, fully charge the GP2000. Connect the provided USB charging cable to the Type-C input port on the jump starter and plug the other end into a USB power adapter (not included). The LED indicator lights will show the charging progress.



Image: A detailed view of the GOOLOO GP2000 Jump Starter, highlighting its various ports and features. Labels indicate the 12V Car Jump Start port, LED indicator, power button, In/Out Type-C port, USB outputs (5V/2.1A, 5V/9V/12V), LED light, and 15V/10A output.

### 4.2. GOOLOO S4 Battery Charger

The S4 charger does not require initial charging. Simply connect it to a power outlet using the AC power cord. Ensure the battery to be charged is clean and free of corrosion.



Image: The GOOLOO S4 Battery Charger displayed with its included accessories: the AC power plug, battery clamps (red and black), and a ring terminal connector. The S4 unit itself features a digital display and a robust red and black casing.

## 5. OPERATING INSTRUCTIONS

### 5.1. Using the GOOLOO GP2000 Jump Starter

1. Ensure the GP2000 is sufficiently charged (at least 3 LED indicators).
2. Connect the blue end of the jumper cable to the 12V jump start port on the GP2000.
3. Connect the red clamp to the positive (+) terminal of the vehicle battery and the black clamp to the negative (-) terminal.
4. Start the vehicle.

5. Once the vehicle starts, immediately remove the clamps from the battery, then disconnect the jumper cable from the GP2000.



Image: The GOOLOO GP2000 Jump Starter with its heavy-duty jumper clamps attached. The black and red unit is shown with the red and black clamps connected to its side port, ready for use.

# EMERGENCY JUMP STARTER

For Car •

Truck •

SUV •

Motorcycle •

Boat+ •

..... •



**12**  
VOLT

**20**  
STARTS

**9.0L**  
GAS

**7.0L**  
DIESEL

**LITHIUM**  
POWERED

Image: A visual representation of the GOOLOO GP2000 Jump Starter being used to start a vehicle. The device is shown connected to a car battery under the hood, emphasizing its role as an emergency jump starter for various vehicle types.

# BUILT-IN LED FLASHLIGHT WITH THREE MODES



Stable



Strobe



SOS



Image: A person holding the GOOLOO GP2000 Jump Starter, demonstrating its built-in LED flashlight feature. The flashlight illuminates an engine bay, showing its utility in low-light conditions with stable, strobe, and SOS modes.

# SPECIFICATIONS



Image: The GOOLOO GP2000 Jump Starter functioning as a portable power supply, charging a smartphone and a tablet simultaneously. This image highlights its versatility beyond jump-starting, providing power for various portable devices.

## 5.2. Using the GOOLOO S4 Battery Charger

1. Connect the S4's battery clamps to the battery terminals: red to positive (+), black to negative (-).
2. Plug the S4 into a standard 100-120VAC 50-60Hz power outlet.
3. The S4 will automatically detect the battery type and voltage (6V or 12V) and begin the charging process.
4. Use the "MODE" button to select specific charging modes if needed (e.g., 12V STD, 12V AGM/C, 12V GEL, 12V LFP, 6V STD).
5. The display will show charging status and battery voltage.
6. Once charging is complete, the S4 will switch to maintenance mode. Disconnect the power, then the clamps from the battery.

# CHARGE THE BATTERY

## 6V/12V

Lead-acid automotive, marine, and deep-cycle batteries, including flooded, gel, AGM, and maintenance-free, 12V LiFePo4 batteries.

## POWER INPUT

100-120VAC 50-60Hz

## MULTIPLE CHARGING MODES

12V STD, 12V AGM/C, 12V GEL,  
12V LFP, 6V STD



Image: The GOOLOO S4 Battery Charger actively charging a car battery. The charger's display shows charging information, and its clamps are securely connected to the battery terminals, illustrating the charging process.

# ALL IN ONE SMART AUTOMATIC BATTERY CHARGER

Restores Lost Performance

## AUTO DETECTION

Automatically detects sulfation and acid stratification

## AUTO REPAIR

Automatically repairs battery damage

## AUTO CHARGE

Plug to play



Image: An illustration highlighting the GOOLOO S4 Battery Charger's intelligent features: automatic detection of sulfation and acid stratification, automatic repair of battery damage, and simple plug-and-play auto-charge functionality. The S4 is shown connected to a battery.

## 6. MAINTENANCE

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- **Cleaning:** Wipe the devices with a dry, soft cloth. Do not use abrasive cleaners or solvents.
- **Storage:** Store the GP2000 and S4 in a cool, dry place when not in use.
- **GP2000 Battery Maintenance:** Recharge the GP2000 every 3-6 months, even if not used, to maintain battery health.
- **S4 Cable Inspection:** Regularly inspect the S4's cables and clamps for any signs of damage or wear.

## 7. TROUBLESHOOTING

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Problem	Possible Cause	Solution
GP2000 not turning on/charging.	Low battery; faulty charging cable/adapter.	Charge the unit; try a different USB cable or adapter.
GP2000 not jump-starting vehicle.	Insufficient charge; incorrect clamp connection; battery too dead.	Ensure full charge; check polarity (+ to +, - to -); vehicle battery may be beyond jump-start capability.
S4 not charging battery.	Incorrect connection; battery severely discharged/damaged; power outlet issue.	Verify correct clamp polarity; battery may be unrecoverable; check power outlet.
S4 display shows error code.	Refer to specific error codes in the full manual (if available).	Consult GOOLOO support or the detailed product manual for specific error code meanings and solutions.

## 8. SPECIFICATIONS

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### GOOLOO GP2000 Jump Starter

- **Peak Current:** 2000A
- **Engine Compatibility:** Up to 9.0L Gas, 7.0L Diesel
- **USB Output 1 (Type-C):** 5V/2.1A (In/Out)
- **USB Output 2 (Quick Charge):** 5V/9V/12V
- **USB Output 3:** 5V/2.4A
- **DC Output:** 15V/10A
- **Built-in Features:** LED Flashlight (Stable, Strobe, SOS)

### GOOLOO S4 4Amp Car Battery Charger

- **Input:** 100-120VAC 50-60Hz
- **Output:** 12V/4A, 6V/2A
- **Battery Types:** 6V & 12V Lead-Acid (WET, SLA, GEL, AGM, FLOODED, VRLA), 12V LiFePO4
- **Charging Program:** 10-stage automatic charging
- **Functions:** Charger, Maintainer, Desulfator

## 9. WARRANTY AND SUPPORT





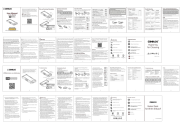

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GOOLOO products come with a standard manufacturer's warranty. For specific warranty terms and conditions, please refer to the warranty card included with your product or visit the official GOOLOO website.

For technical support, troubleshooting assistance, or warranty claims, please contact GOOLOO customer service:

- **Website:** [www.gooloo.com](http://www.gooloo.com)
- **Email:** Refer to your product packaging or website for support email.
- **Amazon Store:** [GOOLOO Official Amazon Store](#)

## Related Documents - GP2000 & S4

	<p><a href="#">GOOLOO GP2000 Portable Jump Starter User Manual   Car Battery Booster</a></p> <p>Comprehensive user manual for the GOOLOO GP2000 portable jump starter. Learn how to safely jump-start your car, charge devices, and troubleshoot common issues. Includes specifications and safety guidelines.</p>
	<p><a href="#">GOOLOO TITAN GP2000 Series Jump Starter User Manual</a></p> <p>Comprehensive user manual for the GOOLOO TITAN GP2000 Series Jump Starter, covering operation, safety warnings, technical specifications, troubleshooting, and warranty information.</p>
	<p><a href="#">GOOLOO GP2000 2000A Jump Starter User Manual</a></p> <p>Comprehensive user manual for the GOOLOO GP2000 2000A car jump starter, covering its features, operation, safety precautions, troubleshooting, and warranty information.</p>
	<p><a href="#">GOOLOO GP2000 TITAN 2000A Jump Starter User Manual</a></p> <p>Comprehensive user manual for the GOOLOO GP2000 TITAN 2000A jump starter. Learn how to charge, start a vehicle, use safety features, and troubleshoot common issues. Includes technical specifications and warranty information.</p>
	<p><a href="#">GOOLOO TITAN 2000A Series Jump Starter GP2000 User Manual</a></p> <p>Comprehensive user manual for the GOOLOO TITAN 2000A Series Jump Starter (Model GP2000), detailing operation, safety, troubleshooting, and specifications for jump-starting vehicles and charging devices.</p>
	<p><a href="#">GOOLOO GP2000 TITAN 2000A Jump Starter User Manual</a></p> <p>Comprehensive user manual for the GOOLOO GP2000 TITAN 2000A Jump Starter, covering setup, operation, safety precautions, technical specifications, troubleshooting, and warranty information.</p>