

VACASSO G62FA

VACASSO G62FA Car Jump Starter User Manual

Model: G62FA

[Introduction](#) [Safety Information](#) [Package Contents](#) [Product Overview](#) [Charging the Unit](#) [Operation](#) [Power Bank Function](#) [LED Flashlight](#) [Specifications](#) [Maintenance](#) [Troubleshooting](#) [Support](#)

1. INTRODUCTION

This manual provides instructions for the safe and effective use of your VACASSO G62FA Car Jump Starter. Please read this manual thoroughly before operation and retain it for future reference.

The VACASSO G62FA is a portable lithium car jump starter designed to start vehicles with up to 8.0L gas or 7.0L diesel engines. It also functions as a power bank for electronic devices and features an integrated LED flashlight.

Portable to Carry Around



1.3LB



The compact size and light weight (1.31 lbs) of the VACASSO G62FA make it highly portable, fitting easily into a backpack or glove compartment for emergencies and travel.

2. SAFETY INFORMATION

WARNING: Read all safety warnings and instructions before using this product. Failure to follow the warnings and instructions may result in electric shock, fire, and/or serious injury.

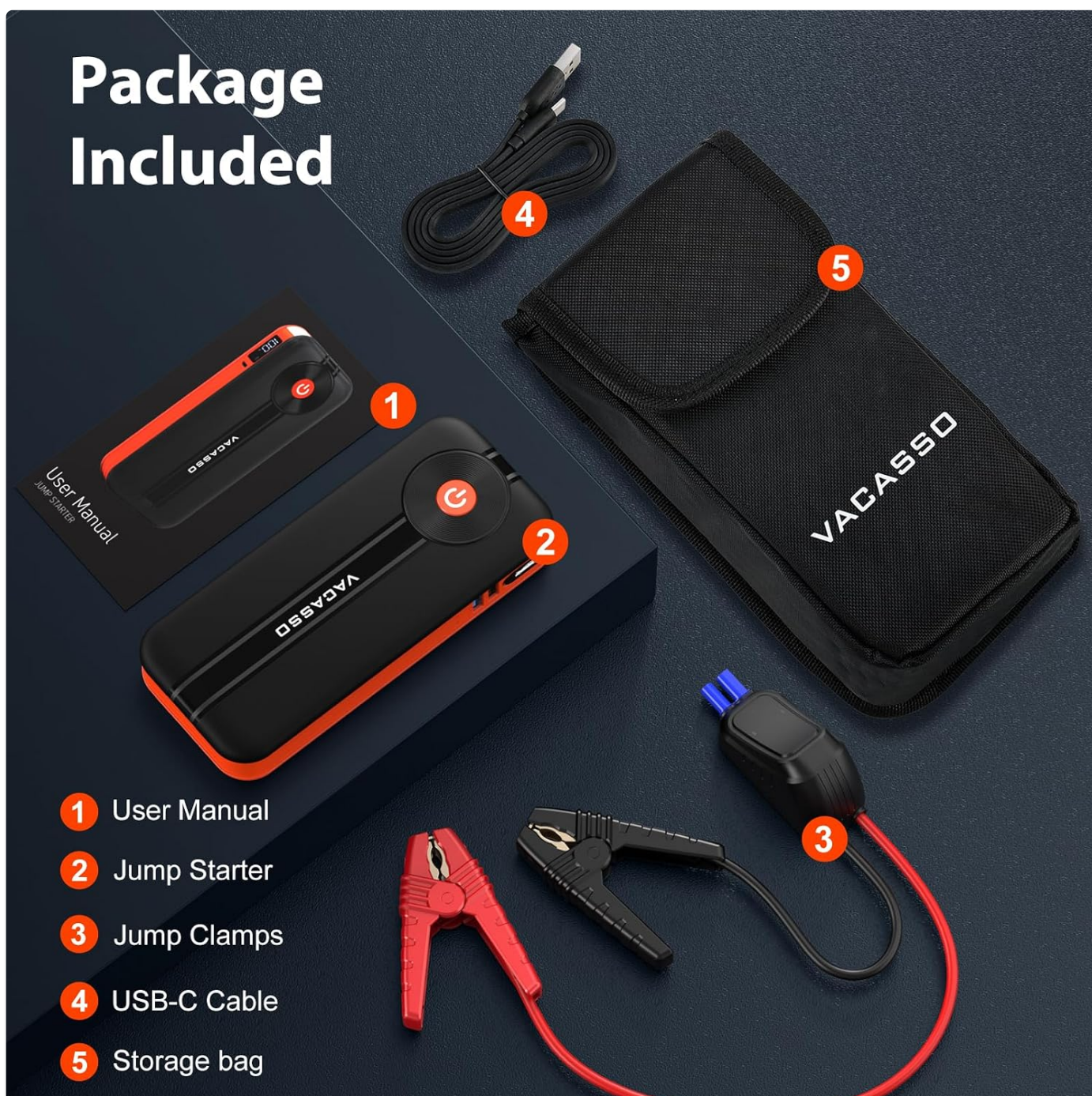
- Always connect the red (+) clamp to the positive (+) terminal and the black (-) clamp to the negative (-) terminal of the vehicle battery.
- Do not touch the red and black clamps together, as this may cause sparks or short circuits.
- Do not attempt to jump start a frozen battery.
- Do not attempt to jump start a vehicle if the jump starter unit or its cables are damaged.
- Keep out of reach of children.
- Operate the jump starter in a well-ventilated area.

- Refer to your vehicle's owner's manual for specific jump-starting procedures and precautions.
- The operating temperature range for this device is -4°F to 140°F (-20°C to 60°C). Do not use or store outside this range.
- Do not disassemble, modify, or attempt to repair the unit yourself. Contact customer support for assistance.

3. PACKAGE CONTENTS

Verify that all items listed below are included in your package:

- VACASSO G62FA Jump Starter Unit
- Smart Jumper Clamps
- USB-C Charging Cable
- Storage Bag
- User Manual



The package includes the VACASSO G62FA Jump Starter unit, smart jumper clamps, a USB-C charging cable, and a storage bag for convenient carrying and protection. A user manual is also included.

4. PRODUCT OVERVIEW

Familiarize yourself with the components of your VACASSO G62FA Car Jump Starter:



This diagram illustrates the key components of the VACASSO G62FA Car Jump Starter. It features a power button, an LED light, an LCD screen for status display, a Type-C input for charging the unit, two USB output ports (USB Output1 and USB Output2) for charging external devices, and a dedicated jumper socket for connecting the smart clamps.

1. **Power Button:** Turns the unit on/off and cycles LED flashlight modes.
2. **LED Light:** Integrated flashlight.
3. **LCD Screen:** Displays battery level and charging status.
4. **Type-C Input:** Used to recharge the jump starter unit.
5. **USB Output1:** Standard USB output for charging electronic devices (5V/2.4A).

6. **USB Output2:** Quick Charge USB output for faster charging (5V/9V/12V, 18W Max).

7. **Jumper Socket:** Port for connecting the smart jumper clamps.

5. CHARGING THE JUMP STARTER

Before first use, fully charge the jump starter. It is recommended to recharge the unit after each use and every 3-6 months to maintain optimal battery health.

1. Connect the provided USB-C cable to the Type-C Input port on the jump starter.
2. Connect the other end of the USB-C cable to a suitable USB power adapter (not included) or a powered USB port.
3. The LCD screen will display the charging status. Charging is complete when the screen shows 100%.

A full charge typically takes approximately 3.5 hours.

6. OPERATING INSTRUCTIONS: JUMP STARTING A VEHICLE

The VACASSO G62FA is designed to jump start 12V vehicles with up to 8.0L gas or 7.0L diesel engines.

Universal Compatibility



Mower



Motocycle



Car



Pickup



Truck

2500A
Peak Current

VACASSO

12

Volt

8.0L

Gas

7.0L

Diesel

50

Starts

Lithium

Powerd

The VACASSO G62FA Car Jump Starter is compatible with a wide range of 12V vehicles, including cars, trucks, motorcycles, lawnmowers, buses, and tractors, capable of starting engines up to 8.0L gas and 7.0L diesel.

Preparation:

- Ensure the jump starter is at least 50% charged.
- Turn off the vehicle's ignition and all accessories (radio, lights, etc.).
- Place the vehicle in 'Park' (automatic transmission) or 'Neutral' (manual transmission) and engage the parking brake.

Connection:

1. Connect the red (+) clamp of the smart jumper cables to the positive (+) terminal of the vehicle's battery.
2. Connect the black (-) clamp of the smart jumper cables to the negative (-) terminal of the vehicle's battery.
3. Insert the blue plug of the smart jumper cables firmly into the jumper socket on the jump starter.
4. The smart clamps will indicate connection status (e.g., a solid green light typically means ready to jump, while a red light or beeping indicates an error).

Comprehensive Protection



Anti-Spark



Short-Circuit



Reverse-Polarity



Over-Discharge



Over-Charge



Over-Current



Over-Voltage



Reverse Charge



Copper Clamps

The smart jumper clamps provide comprehensive protection features, including anti-spark, short-circuit, reverse-polarity, over-discharge, over-charge, over-current, over-voltage, and reverse charge protection, ensuring safe operation during jump-starting.

Jump Starting:

1. Once the smart clamps indicate a ready state, start the vehicle's engine.
2. If the vehicle does not start immediately, wait 30 seconds before attempting again. Do not crank the engine for more than 3 seconds per attempt.

Disconnection:

1. Once the vehicle starts, immediately remove the blue plug of the smart jumper cables from the jumper socket on the jump starter.
2. Then, disconnect the black (-) clamp from the vehicle's negative battery terminal.
3. Finally, disconnect the red (+) clamp from the vehicle's positive battery terminal.

7. USING AS A POWER BANK

The VACASSO G62FA can also function as a portable power bank to charge your electronic devices.



The VACASSO G62FA functions as a portable power bank with a 74Wh/20000mAh capacity. It features dual USB output ports (USB1: 5V/2.4A; USB2: 5V/9V/12V, 18W Max) and a Type-C input (18W Max) to charge various electronic devices such as smartphones, tablets, and laptops.

1. Connect your device's USB charging cable to either USB Output1 (5V/2.4A) or USB Output2 (5V/9V/12V, 18W Max) on the jump starter.
2. Press the power button briefly to begin charging your device.
3. The LCD screen will show the remaining battery level of the jump starter.

8. LED FLASHLIGHT

The integrated 400 lumen LED light provides illumination and emergency signaling functions.

400 LUMEN LED Light



The jump starter includes a built-in 400 lumen LED light with three modes: Flashlight for general illumination, Strobe for signaling, and SOS for emergency situations.

1. Press and hold the power button for 3 seconds to turn on the LED flashlight (default mode).
2. Press the power button briefly to cycle through the modes: Flashlight → Strobe → SOS → Off.

9. SPECIFICATIONS

Feature	Specification
Brand	VACASSO
Model	G62FA
Peak Output Current	2500 Amps

Battery Capacity	20000 mAh / 74 Wh
Battery Cell Composition	Lithium Ion
Voltage	12 Volts
Engine Compatibility	Up to 8.0L Gas / 7.0L Diesel
Product Dimensions (L x W x H)	212 x 92 x 40 mm (8.35 x 3.62 x 1.57 inches)
Item Weight	594 g (1.31 lbs)
Operating Temperature	-4°F to 140°F (-20°C to 60°C)
USB Output 1	5V/2.4A
USB Output 2 (Quick Charge)	5V/9V/12V (18W Max)
Type-C Input	18W Max
Water Resistance Rating	IP65

10. MAINTENANCE

- **Storage:** Store the jump starter in a cool, dry place away from direct sunlight and moisture. Use the provided storage bag for protection.
- **Recharging:** Recharge the unit every 3-6 months, even if not used, to maintain battery health and extend its lifespan.
- **Cleaning:** Clean the exterior of the jump starter with a soft, damp cloth. Do not use harsh chemicals or abrasive cleaners.
- **Clamps:** Ensure the smart jumper clamps are clean and free of corrosion before and after each use.

11. TROUBLESHOOTING

Problem	Possible Cause	Solution
Vehicle not starting	<ul style="list-style-type: none"> Jump starter battery low Clamps not connected securely Vehicle battery completely dead/frozen Smart clamps indicating an error 	<ul style="list-style-type: none"> Ensure jump starter is at least 50% charged. Check and re-secure clamp connections to battery terminals. Do not attempt to jump start a frozen battery. If completely dead, allow a few minutes for the jump starter to provide some charge before attempting to start. Refer to smart clamp error indications.

Smart clamps show error (e.g., solid red light, beeping)	Reverse polarity Short circuit Over-current/Over-voltage	Disconnect and reconnect clamps correctly (red to positive, black to negative). Ensure clamps are not touching each other or other metal parts. The unit's protection system has activated. Disconnect and re-evaluate the situation. Ensure the vehicle's battery voltage is within acceptable limits.
Jump starter not charging	USB-C cable not connected properly Faulty USB-C cable or power adapter	Ensure the USB-C cable is properly connected to both the jump starter and the power adapter. Try a different USB-C cable or power adapter.

12. WARRANTY AND SUPPORT

VACASSO is committed to providing high-quality products and customer satisfaction. Your VACASSO G62FA Car Jump Starter comes with:

- Lifelong technical consultation.
- 24/7 customer service.

For any questions, concerns, or technical assistance, please do not hesitate to contact VACASSO customer service. We are dedicated to ensuring your satisfaction.

