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Giatero Q12

Giatero Q12 Car Jump Starter with Air Compressor User Manual

Model: Q12 | Brand: Giatero

INTRODUCTION

Thank you for choosing the Giatero Q12 Car Jump Starter with Air Compressor. This versatile device is designed to provide emergency jump-starting for vehicles, inflate tires, serve as a portable power bank, and offer an LED flashlight for various situations. Please read this manual carefully before use to ensure safe and optimal performance of your device. Keep this manual for future reference.

SAFETY INFORMATION

WARNING: Improper use can result in property damage, serious injury, or death. Always follow these safety guidelines.

- Do not attempt to jump-start a frozen battery.
- Ensure the jump starter is fully charged before use for optimal performance.
- Do not connect the positive and negative clamps together.
- Keep the device away from children.
- Do not expose the device to water or extreme temperatures.
- If the battery clamps touch each other, sparks may occur. This is normal and the device's protection system will prevent damage.
- Always disconnect the clamps from the vehicle battery immediately after a successful jump start.
- Do not use the air compressor for extended periods without allowing it to cool down. Approximately 1 minute of operation followed by a pause is recommended.

Integrated Safety Protections

The Giatero Q12 is equipped with 10 intelligent protection systems to ensure safe operation:



Image: Visual representation of the 10 safety protections integrated into the Giatero Q12 jump starter, including icons for short circuit, reverse connection, overcharge, voltage regulation, over current, overload, temperature, reverse polarity, over discharge, and over temperature protection.

- Short Circuit Protection
- Reverse Connection Protection
- Overcharge Protection
- Voltage Regulation Protection
- Over Current Protection
- Overload Protection
- Temperature Protection
- Reverse Polarity Protection
- Over Discharge Protection
- Over Temperature Protection

PACKAGE CONTENTS

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

- 1 x Giatero Q12 Portable Car Jump Starter
- 1 x Smart Jump Starter Cable with Battery Clamps
- 1 x USB-C Charging Cable
- 1 x Air Compressor Hose
- 3 x Valve Adapters (stored in the device lid)
- 1 x User Guide (this manual)
- 1 x Portable EVA Storage Case



Image: The three valve nozzles for the air compressor are conveniently stored in a small compartment located on the back of the device, accessible by opening a lid.

PRODUCT FEATURES

1. Car Jump Starter (4000A Peak Current)

The Giatero Q12 provides a powerful 4000A peak current, capable of jump-starting 12V vehicles with up to

10L gasoline engines or 8L diesel engines. This includes cars, motorcycles, vans, caravans, scooters, tractors, heavy trucks, and lawnmowers. It can start your vehicle in seconds.



Image: The Giatero Q12 jump starter, highlighting its powerful 4000A/12V capability and suitability for various vehicles including cars (up to 10L gas/8L diesel), lawnmowers, motorcycles, and boats.

2. Digital Air Compressor (150 PSI)

The integrated air compressor can inflate car tires up to 150 PSI. It can inflate a car tire from 0 to 10 PSI in approximately 2 minutes. The bright LCD display shows the current air pressure and allows you to set a target pressure. It is suitable for car, motorcycle, and bicycle tires, as well as sports balls.

PORTABLE JUMP STARTER WITH AIR COMPRESSOR

Easy to Operate Quick Inflation in
3 Minutes High Definition Led Display



Image: The Giatero Q12 device displaying its air compressor function, with a digital readout of pressure and icons indicating its use for cars, bikes, and balls. It supports PSI, BAR, KPA, and KG/CM2 units.

3. Portable Power Bank (QC3.0 Fast Charge)

Equipped with USB/5V/3A, USB3.0/5V/2A, and Type-C/5V/3A output ports, the Giatero Q12 can charge your electronic devices such as smartphones, tablets, and laptops. The QC3.0 fast charge capability ensures quick power delivery.

PORTABLE BATTERY CHARGER



Image: The Giatero Q12 functioning as a portable power bank, charging a smartphone and a laptop via its USB/5V/3A, USB3.0/5V/2A, and Type-C/5V/3A output ports.

4. 3-in-1 LED Flashlight

The built-in LED flashlight offers three modes: constant light, SOS signal, and strobe light. This feature is useful for emergencies, roadside assistance, or general illumination during nighttime or in low-light conditions.

3 IN 1 LED FLASHLIGHT

When you encounter danger outdoors, it can help you in time.



Flash Light



Strobe Light



SOS Light



Image: The Giatero Q12 device highlighting its 3-in-1 LED flashlight feature, demonstrating Flash Light, Strobe Light, and SOS Light modes, with illustrative scenarios of camping, reading, and hiking at night.

SETUP

Initial Charging

Before first use, fully charge the Giatero Q12. Connect the provided USB-C cable to the device's input port and a suitable USB power adapter (not included). The LCD screen will indicate the charging status. A full charge ensures maximum performance and extends battery life.

OPERATING INSTRUCTIONS

1. Jump Starting a Vehicle

1. Ensure the jump starter has sufficient power (at least 50% charge is recommended).
2. Connect the smart jump starter cable to the jump starter's output port.
3. Attach the red (positive, +) clamp to the positive terminal of the vehicle's battery.
4. Attach the black (negative, -) clamp to the negative terminal of the vehicle's battery.

5. Once connected, the smart cable's indicator light will show readiness.
6. Start your vehicle's engine.
7. Once the engine starts, immediately remove the black (negative) clamp, then the red (positive) clamp from the vehicle battery.
8. Disconnect the smart cable from the jump starter.



Image: A visual guide demonstrating the four steps for jump-starting a car: ensuring the starter is charged and connected, attaching clamps to the car battery terminals, starting the engine, and then removing the jump cable.

2. Using the Air Compressor

1. Open the lid on the back of the device to access the valve adapters if needed.
2. Screw the air compressor hose onto the device's air outlet.
3. Attach the other end of the hose to the tire valve or appropriate adapter for your inflatable item.
4. Turn on the device and use the controls to set the desired pressure (PSI, BAR, KPA, or KG/CM2).
5. Press the start button to begin inflation. The compressor will automatically stop when the preset pressure is reached.
6. Disconnect the hose and store the adapters.

3. Using as a Power Bank

1. Connect your electronic device to one of the USB output ports (USB/5V/3A, USB3.0/5V/2A, or Type-C/5V/3A) using an appropriate charging cable.
2. The device will automatically begin charging your connected item.
3. Monitor the LCD screen for the remaining power level of the jump starter.

4. Using the LED Flashlight

1. Press and hold the flashlight button to turn on the constant light mode.
2. Press the button again to cycle through the modes: Strobe Light, SOS Light.
3. Press and hold the button again to turn off the flashlight.

MAINTENANCE

Charging

To maintain optimal battery health, it is recommended to fully charge the Giatero Q12 every 3-6 months, even if not in use. This prevents deep discharge and prolongs the lifespan of the internal battery.

Storage

Store the device in its portable EVA case in a cool, dry place, away from direct sunlight and extreme temperatures. Ensure all accessories are neatly stored to prevent damage.

Cleaning

Wipe the device with a soft, dry cloth. Do not use harsh chemicals or abrasive cleaners.

TROUBLESHOOTING

- **Device not turning on:** Ensure the device is charged. If not, connect it to a charger.
- **Vehicle not starting:**
 - Check if the jump starter has sufficient charge.
 - Ensure the clamps are securely connected to the correct battery terminals (red to positive, black to negative).
 - Check for any error indicators on the smart cable. Refer to the smart cable's specific instructions for error codes.
 - The vehicle battery might be severely damaged or completely dead, requiring professional assistance.
- **Air compressor not inflating:**
 - Ensure the hose is securely attached to both the device and the tire valve.
 - Check if the desired pressure is set correctly.
 - Verify the device has enough power.
 - Allow the compressor to cool down if it has been running for an extended period.
- **Electronic devices not charging:**
 - Ensure the USB cable is functional and correctly connected.

- Check the jump starter's power level.

SPECIFICATIONS

Brand	Giatero
Model Number	Q12
Peak Amperage	4000 A
Voltage	12 Volts
Battery Capacity	13200 mAh (Lithium-ion)
Max Air Pressure	150 PSI
Engine Compatibility	Up to 10L Gasoline / 8L Diesel
Item Weight	1.44 Kilograms
Package Dimensions	24.4 x 12.8 x 12 cm
USB Output 1	5V/3A
USB Output 2 (QC3.0)	5V/2A
Type-C Output	5V/3A
Vehicle Service Type	Automobile (Universal Fit)

WARRANTY AND SUPPORT

The Giatero Q12 comes with a **2-year free warranty**. We also provide **24/7 customer service** and **lifetime technical support**. For any questions, issues, or support needs, please contact our customer service team through the retailer where you purchased the product or refer to the contact information provided on our official website.