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## giatero Q21

# Giatero Q21 4000A Jump Starter with 150PSI Air Compressor User Manual

Model: Q21 | Brand: Giatero

## 1. INTRODUCTION

The Giatero Q21 is a versatile portable device designed to provide emergency jump-starting for 12V vehicles, inflate tires, and serve as a portable power bank. It features a 4000A peak current for jump-starting and a 150PSI air compressor for inflation. This manual provides essential instructions for safe and effective use, maintenance, and troubleshooting.

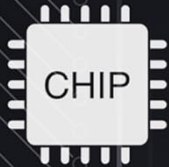
## 2. PACKAGE CONTENTS

Please verify that all items listed below are included in your package:

- 1 x Giatero Q21 Jump Starter with Air Compressor
- 1 x Smart Jumper Cables
- 1 x Air Pump Hose
- 3 x Gas Nozzles (for various inflation needs)
- 1 x Type-C Charging Cable
- 1 x User Manual (this document)
- 1 x Portable EVA Carrying Case

# ADVANCED INTELLIGENT PROTECTION CHIP

Equipped with 2024 smart chips, it can protect the power supply during use and improve service life



**-4°F/140°F**

**BEARING TEMPERATURE**

Image: Contents of the Giatero Q21 Jump Starter package.

## 3. PRODUCT OVERVIEW

Familiarize yourself with the components of your Giatero Q21 device:



Image: Front view of the Giatero Q21 device, highlighting the LCD display and control interface.

- **LCD Display:** Shows battery status, air pressure, and operational modes.
- **Power Button:** Turns the device on/off and cycles through flashlight modes.
- **Air Compressor Controls:** Buttons for setting target pressure and starting/stopping inflation.
- **Jump Start Port:** Connection point for the smart jumper cables.
- **Air Hose Port:** Connection point for the air pump hose.
- **USB Output Ports:** For charging external devices.
- **Type-C Input Port:** For charging the Giatero Q21 device.

## 4. CHARGING THE DEVICE

Before first use, fully charge the Giatero Q21. Regular charging ensures optimal performance and extends battery life.

1. Connect the provided Type-C charging cable to the device's Type-C input port.
2. Connect the other end of the cable to a suitable USB power adapter (not included) or a powered USB port.

3. The LCD display will indicate the charging status. Charge until the battery indicator shows full.

**Important: It is recommended to recharge the device every 2-3 months to maintain battery health, even if not in use.**

## 5. JUMP STARTING YOUR VEHICLE

Follow these steps carefully to safely jump start a 12V vehicle. Ensure the Giatero Q21 has at least 75% charge before attempting a jump start.

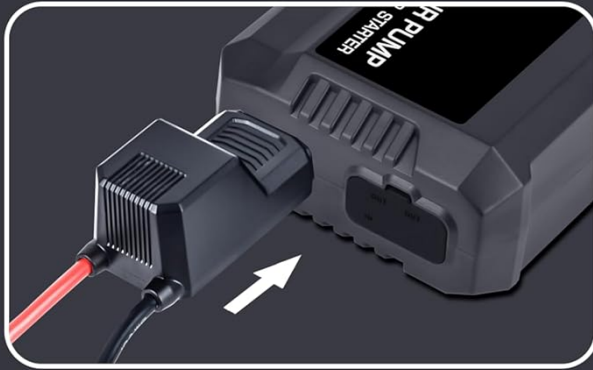
1. **Prepare the Vehicle:** Turn off the vehicle's ignition and all accessories. Engage the parking brake.
2. **Connect Jumper Cables to Device:** Insert the smart jumper cable connector firmly into the jump start port on the Giatero Q21.
3. **Connect to Car Battery:**
  - Connect the **red (+) clamp** to the positive (+) terminal of the car battery.
  - Connect the **black (-) clamp** to the negative (-) terminal of the car battery.

The smart jumper cables will indicate a successful connection with a solid green light. If an error is detected (e.g., reverse polarity), an alarm will sound, and a red light will illuminate. Correct the connection before proceeding.

4. **Start the Vehicle:** Once the smart jumper cables show a safe connection, start your car's engine.
5. **Remove Cables:** Immediately after the car starts, remove the smart jumper cables from the car battery terminals, then disconnect them from the Giatero Q21 device.

**Warning: Do not leave the smart jumper cables connected to the car battery for more than 30 seconds after the vehicle has started.**

# HOW TO JUMP START YOUR CAR



**STEP 1** Insert the jump cable into the jump starter



**STEP 2** Connect the clamps to your car battery



**STEP 3** Start your car engine



**STEP 4** Remove the clamps to complete the operation



Note: Please immediately remove the clip after starting the car

Image: Step-by-step guide for jump starting a vehicle.

## 6. USING THE AIR COMPRESSOR

The integrated air compressor can inflate tires, balls, and other inflatables up to 150 PSI.

1. **Connect Air Hose:** Screw the air pump hose into the air hose port on the Giatero Q21.
2. **Attach Nozzle:** Select the appropriate nozzle for your item (car tire, bicycle tire, ball, etc.) and attach it to the end of the air hose.
3. **Connect to Item:** Securely attach the nozzle to the valve stem of the item you wish to inflate. The LCD display will show the current pressure.
4. **Set Target Pressure:** Use the '+' and '-' buttons on the device to set your desired target pressure.
5. **Start Inflation:** Press the air compressor start button. The compressor will automatically stop once the target pressure is reached.
6. **Disconnect:** Remove the nozzle from the item and detach the air hose from the Giatero Q21.

**Caution: Do not operate the air pump continuously for extended periods. If the compressor becomes hot,**

allow it to cool down for several minutes before resuming operation.



Image: Using the Giatero Q21 as a portable tire inflator.

## 7. USING THE FLASHLIGHT

The Giatero Q21 includes a multi-mode LED flashlight for illumination in low-light conditions.

- Press and hold the power button to turn on the flashlight.
- Press the power button repeatedly to cycle through the modes: Solid Light > Strobe Light > SOS Signal > Off.

## 8. POWER BANK FUNCTION

The device can charge various electronic devices via its USB output ports.

1. Connect your electronic device (e.g., smartphone, tablet) to one of the USB output ports on the Giatero Q21 using a compatible USB cable.
2. The Giatero Q21 will automatically begin charging your device.

# PORTABLE POWER BANK

16000mAh



Image: The Giatero Q21 functioning as a portable power bank.

## 9. SAFETY PRECAUTIONS

The Giatero Q21 is equipped with 10 intelligent safety protections, including reverse polarity protection, over-current protection, and short-circuit protection. Always adhere to the following safety guidelines:

- Read and understand all instructions before use.
- Do not attempt to jump start a frozen battery.
- Ensure proper connection of jumper cables (red to positive, black to negative) to avoid sparks or damage.
- Do not connect the positive and negative clamps together.
- Keep the device away from children.
- Operate the device within the specified temperature range of -4°F to 140°F (-20°C to 60°C).
- Do not expose the device to rain or immerse it in water.
- Do not disassemble or modify the device.
- If the device emits smoke or unusual odors, discontinue use immediately.

# THE PACKAGE INCLUDES

- 1 Insert the jump cable into the jump starter
- 2 Extended Jumper Cables
- 3 Usb Charging Cable
- 4 Eva Carrying Case
- 5 User Manual
- 6 Air Tube



Image: Advanced intelligent protection chip and operating temperature range.

## 10. TROUBLESHOOTING

If you encounter issues with your Giatero Q21, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
Device does not turn on.	Low battery or device is off.	Charge the device fully. Press and hold the power button to turn on.
Car does not jump start.	Low device charge, incorrect cable connection, or severe battery issue.	Ensure device is over 75% charged. Check cable connections (red to +, black to -). If car battery is severely damaged, it may not start.
Air compressor not inflating.	Hose not securely connected, target pressure not set, or device overheating.	Ensure air hose is tightly screwed in. Set target pressure on LCD. Allow device to cool if it has been running continuously.
Smart jumper cables alarm/red light.	Incorrect connection (e.g., reverse polarity).	Disconnect clamps and re-connect them correctly: red to positive (+), black to negative (-).

## 11. SPECIFICATIONS

Feature	Specification
Model	Q21
Peak Output Current	4000 Amps
Air Compressor Pressure	Up to 150 PSI
Engine Compatibility	All Gas / 10.0L Diesel engines (12V)
Operating Temperature	-4°F to 140°F (-20°C to 60°C)
Dimensions	8"D x 5"W x 6"H
Item Weight	1.9 Pounds
Battery Type	Lithium Polymer (included)

## 12. MAINTENANCE AND STORAGE

Proper maintenance and storage will ensure the longevity and reliability of your Giatero Q21.

- **Charging:** Recharge the device every 2-3 months to keep the battery active and prolong its lifespan.
- **Cleaning:** Wipe the device with a dry, soft cloth. Do not use harsh chemicals or abrasive materials.
- **Storage:** Store the device in its portable EVA carrying case in a cool, dry place, away from direct sunlight and extreme temperatures.
- **Cable Care:** Inspect jumper cables and air hose for any damage before each use. Replace if necessary.

## 13. WARRANTY AND SUPPORT

Giatero is committed to providing high-quality products and customer satisfaction. If you encounter any issues with your Giatero Q21 Jump Starter with Air Compressor, please do not hesitate to contact our customer support team.

We will endeavor to resolve your concerns promptly.

For support, please refer to the contact information provided with your purchase or visit the official Giatero website.