NACKEO Star02

NACKEO Star02 6000A 12V Car Battery Jump Starter Instruction Manual

Model: Star02

Introduction What's in the Box Product Features Safety Warnings Setup Operating Instructions Maintenance Troubleshooting Specifications Warranty & Support

1. Introduction

This manual provides essential instructions for the safe and effective use of your NACKEO Star02 6000A 12V Car Battery Jump Starter. Please read this manual thoroughly before operation and retain it for future reference. The NACKEO Star02 is a portable device designed to jump start 12V vehicles, including those with up to 9.0L gas and 7.0L diesel engines. It also functions as a portable power bank and features a multi-mode LED light for emergencies.

2. What's in the Box

Verify that all items are present upon unpacking:

- NACKEO Star02 Jump Starter Unit
- USB-C Charging Cable
- Useful Dust Bag
- Instruction Manual (this document)



Image: Contents of the NACKEO Star02 package.

3. Product Features

- **Powerful Jump Starting:** Delivers 6000A peak current to start 12V vehicles, suitable for all gas engines and up to 9.0L diesel engines. Features a 'BOOST' function for completely dead or low-voltage batteries.
- **All-in-One Design with Built-in Smart Jumper Cables:** Integrated, longer cables with built-in clips for easier connection and storage, simplifying the jump-starting process.
- **20000mAh Portable Power Bank:** High-capacity lithium cells allow charging of smartphones, tablets, and other USB devices via fast and efficient output.
- **3.3-Inch Large LCD Display:** Provides clear, real-time battery level and error alerts for easy monitoring.
- **10 Layers of Safety Protection:** Incorporates spark-proof technology, reverse polarity safeguards, over-current, over-voltage, over-charge, overheat, over-load, short circuit, extreme temperature, and reverse connection protection for safe operation.
- **500-Lumen Wide-Angle Multi-Function Light:** Ultra-bright light with three modes: flashlight, white strobe, and SOS. Dual-angle design offers wider visibility for various situations.



Image: NACKEO Star02 Jump Starter with built-in cables and LCD display.

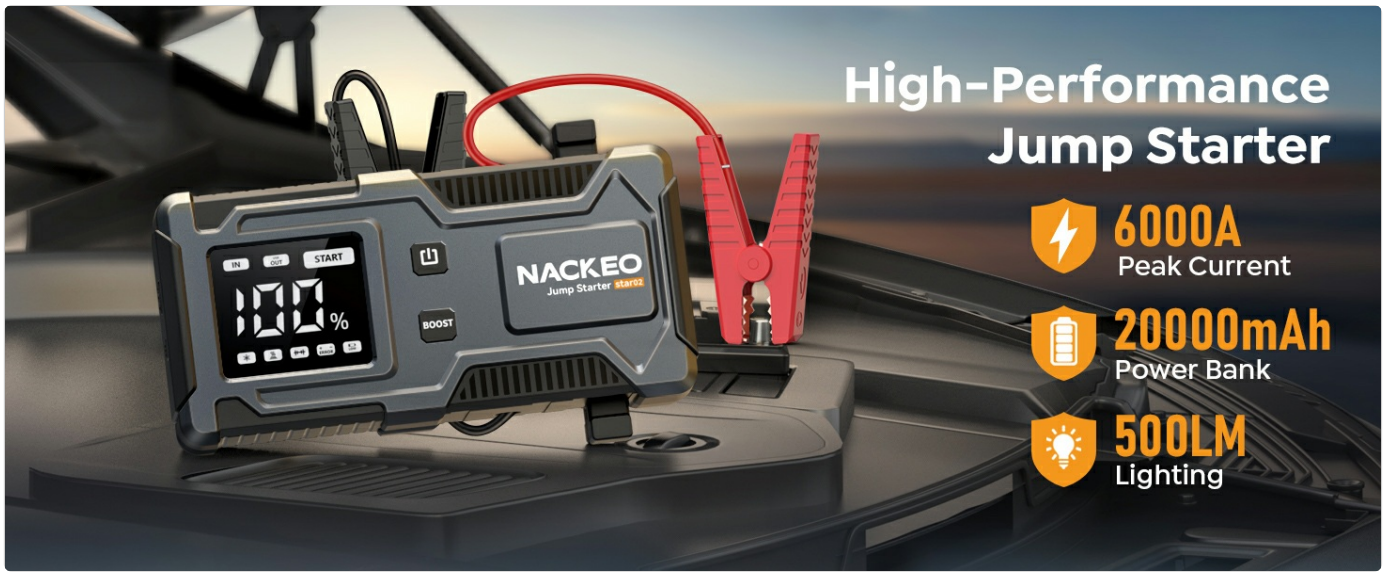


Image: Key features of the NACKEO Star02 Jump Starter.

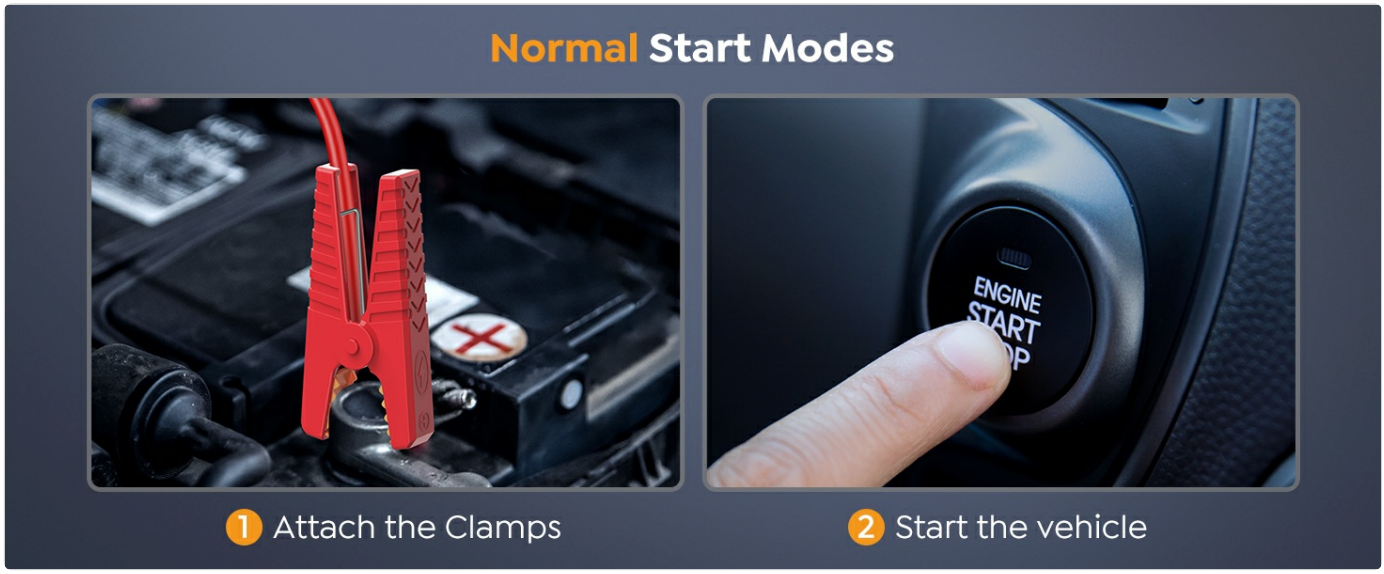


Image: Diagram illustrating the 10 built-in smart protections.

Video: An overview of the NACKEO Car Battery Jump Starter Star02, demonstrating its features and ease of use.

4. Important Safety Warnings

Failure to follow these safety instructions may result in electric shock, fire, or explosion, which could cause property damage, injury, or death.

- Always connect the red clamp to the positive (+) battery terminal and the black clamp to the negative (-) battery terminal.
- Do not touch the red and black clamps together, as this may cause sparks, fire, or explosion.
- Do not jump start a frozen battery.
- Ensure the battery terminals are clean and free of corrosion for optimal contact.
- Keep the device away from children.
- Do not expose the device to rain or extreme temperatures.
- If the device becomes excessively hot during use, discontinue use immediately.
- Refer to your vehicle's owner's manual for specific jump-starting procedures.

5. Setup

5.1 Initial Charging

Before first use, fully charge your NACKEO Star02 jump starter. The unit comes partially charged, but a full charge ensures maximum performance and battery longevity.

1. Connect the supplied USB-C charging cable to the 'IN' port on the jump starter.
2. Connect the other end of the USB-C cable to a USB wall adapter (not included) or a powered USB port.
3. The LCD screen will display the charging progress. Charge until the screen shows 100%.
4. Once fully charged, disconnect the charging cable.



Image: The NACKEO Star02 unit being charged via USB-C.



Image: Charging the NACKEO Star02. Note: Wall adapter is not included.

6. Operating Instructions

6.1 Jump Starting a Vehicle (Normal Mode)

Use this mode for batteries that are low but not completely dead.

1. Ensure the jump starter is sufficiently charged (above 50% is recommended).
2. Turn off your vehicle's ignition and all accessories.
3. Open the vehicle's hood and locate the battery.
4. Connect the **red (+) clamp** to the vehicle's positive (+) battery terminal.
5. Connect the **black (-) clamp** to the vehicle's negative (-) battery terminal.
6. The LCD screen on the jump starter should display the vehicle's battery voltage.
7. Start your vehicle. If it doesn't start immediately, wait 20-30 seconds and try again. Do not crank for more than 3 seconds per attempt.
8. Once the vehicle starts, disconnect the black (-) clamp first, then the red (+) clamp.
9. Close the vehicle's hood.



Image: NACKEO Star02 connected to a car battery.



Image: Normal Start Mode steps.

6.2 Jump Starting a Vehicle (Force Start Mode)

Use this mode for completely dead or very low-voltage batteries where the normal mode does not initiate a jump start. This mode bypasses some safety checks, so use with caution.

1. Follow steps 1-5 from the Normal Mode instructions.
2. If the LCD screen does not display voltage or shows an error, press and hold the 'BOOST' button on the jump starter for 3-5 seconds until the screen indicates 'BOOST' or a solid green light appears.
3. Within 30 seconds of activating 'BOOST' mode, start your vehicle.
4. Once the vehicle starts, immediately disconnect the black (-) clamp first, then the red (+) clamp.
5. Close the vehicle's hood.



Image: Boost Start Mode steps.

6.3 Using as a Portable Power Bank

The NACKEO Star02 can charge your electronic devices.

1. Connect your device's USB charging cable to the 'OUT' USB-A or USB-C port on the jump starter.
2. The jump starter will automatically begin charging your device.
3. Monitor your device's charging status. Disconnect once charging is complete.

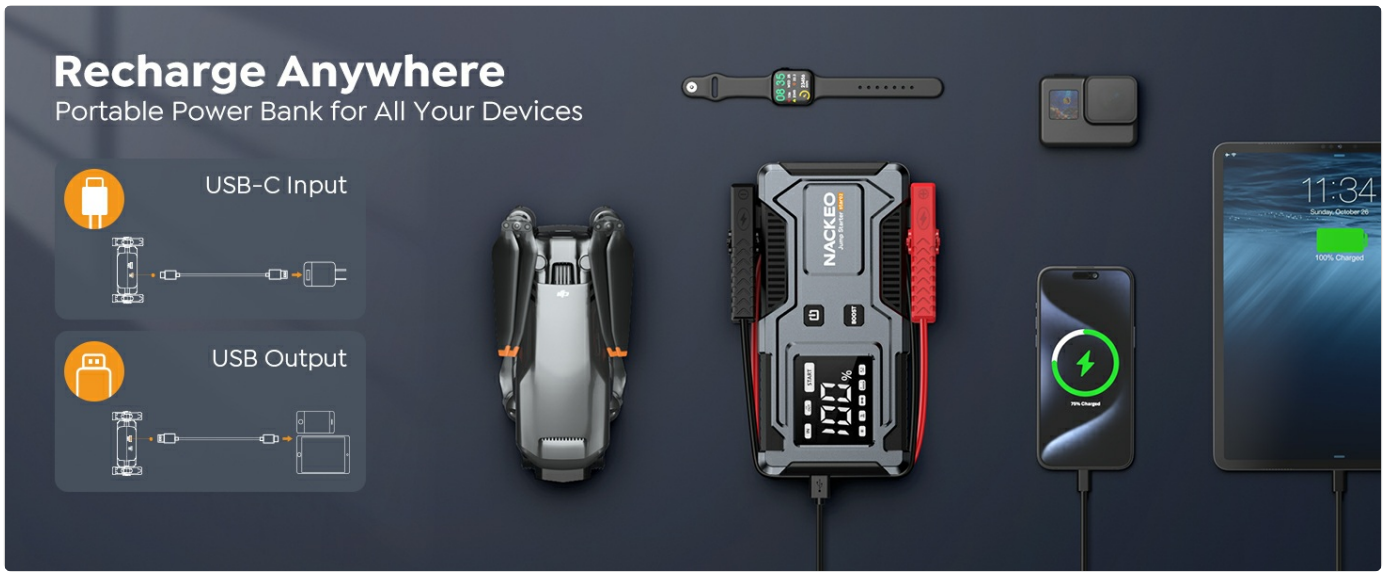


Image: NACKEO Star02 charging various devices.

6.4 Using the LED Light

The built-in 500-lumen LED light has multiple modes for different situations.

1. Press the power button once to turn on the jump starter and activate the LCD screen.
2. Press and hold the power button for 3 seconds to turn on the LED light (Flashlight mode).
3. Press the power button again to cycle through modes: Flashlight > Strobe > SOS.
4. Press and hold the power button for 3 seconds to turn off the LED light.



Image: NACKEO Star02 LED light in use.



Image: LED light modes: Flashlight, Strobe, and SOS.

7. Maintenance

- **Recharge Regularly:** To maintain optimal battery health, recharge the jump starter every 3-6 months, even if not in use.
- **Storage:** Store the device in a cool, dry place, away from direct sunlight and extreme temperatures. Use the provided dust bag for protection.
- **Cleaning:** Wipe the unit with a soft, dry cloth. Do not use harsh chemicals or abrasive materials.
- **Cable Inspection:** Periodically inspect the jumper cables and clamps for any signs of damage, wear, or corrosion.

8. Troubleshooting

Problem	Possible Cause	Solution
Unit does not turn on.	Battery is completely discharged.	Charge the unit fully before use.
Vehicle does not start.	Incorrect clamp connection; vehicle battery completely dead; jump starter battery too low.	Ensure correct polarity (+ to +, - to -). Try Force Start Mode. Recharge jump starter.
LCD shows error message.	Reverse polarity, short circuit, or other safety trigger.	Check connections. Disconnect and reconnect clamps correctly. If error persists, contact support.
LED light not working.	Unit is off; low battery.	Turn on the unit. Recharge the jump starter.

9. Specifications

Feature	Detail

Feature	Detail
Brand	NACKEO
Model	Star02
Peak Output Current	6000 Amps
Battery Capacity	20000mAh (Lithium Polymer)
Engine Compatibility	Up to 9.0L Gas / 7.0L Diesel
Product Dimensions	1.76"D x 3.33"W x 8.7"H
Item Weight	0.78 Kilograms (1.72 pounds)
LED Light Output	500 Lumens
Safety Protections	10 built-in protections (e.g., spark-proof, reverse polarity)
Charging Port	USB-C (Input)
Output Ports	USB-A, USB-C (for charging devices)

10. Warranty & Support

NACKEO is committed to ensuring your road trips are safe. The NACKEO Star02 jump starter comes with:

- **2 Years Hassle-Free Returns:** For any product issues within two years of purchase.
- **Lifetime Technical Support:** Dedicated support is available for any technical questions or assistance you may need throughout the product's lifespan.

For support, please contact NACKEO customer service through the retailer's platform or the contact information provided on the product packaging.

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Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page's manual context to help answer it.

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Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question