Saved from manuals.plus.
Open the live page for links to other documents and user manuals.

CARHEV JS-01

CARHEV 4000A 12V Portable Car Jump Starter (Model: JS-01) User Manual

Model: JS-01

1. Introduction

The CARHEV 4000A 12V Portable Car Jump Starter is a high-performance device designed to safely start vehicles with a dead battery. It provides a peak current of 4000A, capable of starting gasoline and diesel engines up to 8.0L. This versatile tool also functions as a portable power bank and an emergency LED flashlight, making it an essential companion for road trips, outdoor activities, and emergencies.



Image: The CARHEV Jump Starter unit positioned next to a vehicle, illustrating its powerful starting capabilities for various engine types.



Image: A visual representation of the jump starter's capacity to start different vehicle types and engine sizes, up to 8.0L.

2. Package Contents

Verify that all items are present in the package:

- CARHEV Car Jump Starter
- Smart Jump Cable with Clamps
- USB-C Charging Cable
- Portable Storage Bag
- User Manual



Image: The complete package contents of the CARHEV Jump Starter, showing the main unit, smart jumper cables, USB-C charging cable, a black storage bag, and the user manual.

3. Product Overview

The CARHEV Jump Starter features a robust design with multiple functionalities. Familiarize yourself with its components:

- **LED Display:** Shows operational status and remaining battery percentage.

- **Power Button:** Activates the device and controls flashlight modes.
- **USB Output Ports (5V/2A, 9V/2A QC3.0):** For charging external devices.
- **USB-C Input Port (5V/2A):** For charging the jump starter unit.
- **Jump Starter Socket:** Connects to the smart jump cable.
- **LED Flashlight:** Integrated light with Flash, Strobe, and SOS modes.
- **Compass:** Integrated for navigation assistance.
- **Durable Casing:** Resistant to rain, dust, and shocks.



Image: A detailed view of the CARHEV Jump Starter, pointing out its various ports, buttons, and features like the LED display, flashlight, and compass.

4. Safety Information

Read and understand all safety instructions before using this product. Failure to follow these instructions may result in electric shock, fire, or serious injury.

- Always ensure the jump starter's battery level is above 50% before attempting to jump start a vehicle.
- Do not use the jump starter if the smart jump cable or the unit itself is damaged.
- Connect the clamps correctly: Red clamp to positive (+), Black clamp to negative (-). Incorrect connection will trigger an alarm.
- Do not touch the red and black clamps together to prevent short circuits.
- Keep the device away from children.
- Operate in a well-ventilated area.
- The device includes 10 protection systems: Overload Protection, Over Current Protection, Low Temperature Protection, High Temperature Protection, Reverse Polarity Protection, Over Discharge Protection, Short Circuit Protection, and Over Voltage Protection.
- Operating temperature range: -20°C to 60°C (-4°F to 140°F).



Image: The CARHEV Jump Starter connected to its smart clamps, with icons representing its comprehensive safety features.

5. Charging the Jump Starter

Before first use, fully charge the CARHEV Jump Starter. For optimal performance, it is recommended to charge the device every 2-3 months if not used for extended periods.

1. Connect the provided USB-C charging cable to the 5V/2A input port on the jump starter.

2. Connect the other end of the USB-C cable to a USB wall adapter (not included) or a car charger.
3. The LED display will show the charging progress. The unit is fully charged when the display shows 100%.

A full charge typically takes 4-6 hours.



Image: The jump starter connected to a power source for charging, demonstrating the USB-C input and its ability to charge other devices simultaneously.

6. Operating Instructions

6.1. Jump Starting a Vehicle

Ensure the jump starter has at least 50% battery charge before attempting to jump start a vehicle.

1. **Connect Smart Cable:** Plug the smart jump cable into the jump starter's socket. Ensure a secure connection.
2. **Attach Clamps:** Connect the red (+) clamp to the positive terminal of the vehicle's battery and the black (-) clamp to the negative terminal. The smart cable will indicate if the connection is correct.
3. **Start Vehicle:** Once the clamps are correctly attached and the smart cable indicates readiness, start your vehicle's engine.
4. **Remove Cables:** After the vehicle starts, immediately remove the smart jump cable from the vehicle battery terminals, then disconnect it from the jump starter.



Image: A step-by-step visual guide demonstrating the process of jump starting a car with the CARHEV device.

6.2. Using as a Portable Power Bank

The jump starter can charge your electronic devices via its USB output ports.

1. Connect your device's USB charging cable to one of the jump starter's USB output ports (5V/2A or 9V/2A QC3.0).
2. The jump starter will automatically begin charging your device.



Image: The CARHEV Jump Starter charging a smartphone and a tablet, illustrating its power bank functionality.

6.3. Using the LED Flashlight

The integrated LED flashlight has three modes: Flash, Strobe, and SOS.

1. Press and hold the Power Button for 3 seconds to turn on the flashlight (Flash mode).
2. Press the Power Button once to switch to Strobe mode.
3. Press the Power Button again to switch to SOS mode.

4. Press and hold the Power Button for 3 seconds to turn off the flashlight.



Image: The CARHEV Jump Starter with its LED flashlight illuminated.

7. Maintenance

Proper maintenance ensures the longevity and reliability of your CARHEV Jump Starter.

- **Storage:** Store the device in a cool, dry place away from direct sunlight and extreme temperatures.
- **Charging:** If not used for a long time, charge the jump starter every 2-3 months to maintain battery health.
- **Cleaning:** Wipe the unit with a soft, dry cloth. Do not use harsh chemicals or abrasive materials.
- **Temperature:** Avoid exposing the device to temperatures outside its operating range of -20°C to 60°C.



Image: The jump starter shown with temperature indicators, highlighting its resilience to extreme temperatures.

8. Troubleshooting

If you encounter issues with your CARHEV Jump Starter, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
Device does not turn on.	Low battery or completely discharged.	Charge the jump starter fully.

Problem	Possible Cause	Solution
Vehicle does not start after jump attempt.	◦ Jump starter battery too low. ◦ Incorrect clamp connection. ◦ Vehicle battery severely damaged. ◦ Vehicle engine issues unrelated to battery.	◦ Ensure jump starter is above 50% charge. ◦ Check clamp connections (red to +, black to -). ◦ Consult a professional mechanic.
Smart cable alarm sounds.	Reverse polarity or short circuit detected.	Disconnect clamps and reconnect them correctly (red to +, black to -). Ensure clamps do not touch.
External devices not charging.	◦ Jump starter battery too low. ◦ Incorrect USB cable or port.	◦ Charge the jump starter. ◦ Ensure correct USB cable and port are used.

9. Specifications

Feature	Detail
Model Number	JS-01
Peak Current	4000 Amperes
Voltage	12 Volts
Battery Cell Composition	Lithium Ion
Engine Compatibility	Up to 8.0L Gas or 8.0L Diesel Engines
USB Output 1	5V/2A
USB Output 2 (QC3.0)	9V/2A
USB-C Input	5V/2A
Operating Temperature	-20°C to 60°C (-4°F to 140°F)
Dimensions	20.4 x 10.3 x 9.4 cm
Weight	710 g
Country of Origin	China

10. Warranty and Support

The CARHEV Jump Starter comes with a **2-year manufacturer's warranty**. This warranty covers defects in materials and workmanship under normal use.

For technical support or any issues encountered with the product, please contact CARHEV customer service. Our team is committed to responding within 24 hours to assist you.

Please refer to the contact information provided in your purchase documentation or on the official CARHEV website for

assistance.

© 2026 CARHEV. All rights reserved.

Ask a question about this manual

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.

Name

Anonymous

Email

you@example.com

After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. Privacy details.

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

Open the live page

https://manuals.plus/asin/B0FCMZSH6L

More documents and user manuals: **https://manuals.plus/**