CARHEV JS-07

CARHEV 7000A Jump Starter (Model JS-07) User Manual

Model: JS-07 | Brand: CARHEV

1. Introduction

Thank you for choosing the CARHEV 7000A Jump Starter. This device is designed to provide a powerful and reliable solution for starting vehicles with dead batteries, serving as a portable power bank, and offering an emergency LED light. Please read this manual thoroughly before use to ensure safe and optimal operation.



Image 1.1: The CARHEV 7000A Jump Starter connected to a car battery, ready to start the vehicle.

2. Safety Information

Always observe the following safety precautions to prevent injury or damage to the device and vehicle:

- Read all instructions before using the jump starter.
- Wear eye protection and protective clothing when working with batteries.

- Keep the device away from children.
- Do not short-circuit the jump starter clamps.
- Do not expose the device to rain, water, or extreme temperatures.
- Ensure proper polarity connection (red clamp to positive, black clamp to negative) to avoid damage.
- Do not attempt to jump start a frozen battery.
- If the vehicle does not start after 3 attempts, discontinue use and check for other issues.

3. Package Contents

Upon unpacking, please verify that all items listed below are included:

- CARHEV Jump Starter Unit
- Smart Jump Cables with Clamps
- USB Charging Cables
- Storage Bag
- User Manual



Image 3.1: The CARHEV Jump Starter, smart cables, USB cables, storage bag, and user manual included in the package.

4. Product Features and Components

The CARHEV Jump Starter is equipped with multiple features for versatility and ease of use:

- **Powerful Jump Starter:** Delivers up to 7000A peak current, capable of starting 10.0L gasoline and 10.0L diesel engines.

- **Smart Protection:** Features 10 integrated safety protections against sparks, reverse polarity, over-current, over-charge, etc.
- **Portable Power Bank:** 26800 mAh capacity with USB-C input (9V/2A) and two USB outputs (including one fast charge port) for charging mobile devices.
- **3-in-1 LED Light:** Includes flashlight, strobe, and SOS modes for emergencies.
- **Durable Design:** Reinforced plastic casing with rubber corners for shock resistance.
- **LED Display:** Intuitive screen to show battery level and operational status.



Image 4.1: Detailed view of the jump starter showing the power button, battery level indicator, 5V/2A output, 9V/2A QC3.0 output, 9V/2A input, jump starter socket, and LED flash light.

5. Setup and Charging

5.1 Initial Charge

Before first use, fully charge the CARHEV Jump Starter. Connect the provided USB charging cable to the USB-C input

port (9V/2A) on the device and to a suitable USB power adapter (not included). The LED display will show the charging progress. A full charge is indicated when the display shows 100%.

5.2 Checking Battery Level

Press the power button once to check the current battery level on the LED display. It is recommended to keep the jump starter charged above 50% for optimal performance, especially before jump starting a vehicle.

6. Operating Instructions

6.1 Jump Starting a Vehicle

Follow these steps carefully to jump start your vehicle:

1. **Step 1: Connect Jump Cables to Jump Starter.** Insert the blue plug of the smart jump cables into the jump starter socket. Ensure a firm connection.
2. **Step 2: Connect Clamps to Car Battery.** Attach the red clamp to the positive (+) terminal of the car battery and the black clamp to the negative (-) terminal. The smart cables will indicate a correct connection.
3. **Step 3: Start the Car Engine.** Once the clamps are correctly connected and the jump starter is ready, start your car engine.
4. **Step 4: Remove Clamps.** After the engine starts, immediately remove the black clamp from the car battery, then the red clamp. Disconnect the smart cables from the jump starter.



Image 6.1: Visual instructions for jump starting a car: 1. Plug cables into jump starter. 2. Connect clamps to battery. 3. Start engine. 4. Remove clamps.

6.2 Using as a Portable Power Bank

The jump starter can charge various electronic devices:

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

- The jump starter will automatically begin charging your device.



Image 6.2: The CARHEV Jump Starter functioning as a portable power bank, charging a smartphone and a tablet.

6.3 Using the LED Emergency Light

The integrated LED light has three modes:

- **Flashlight:** Press and hold the power button for 3 seconds to turn on the flashlight.

- **Strobe:** Press the power button again to switch to strobe mode.
- **SOS:** Press the power button a third time to activate SOS signal mode.
- Press the power button again to turn off the light.



Image 6.3: The CARHEV Jump Starter's LED light illuminated, demonstrating its flashlight, SOS, and strobe capabilities.

7. Maintenance

To ensure the longevity and optimal performance of your CARHEV Jump Starter, follow these maintenance guidelines:

- **Storage:** Store the device in a cool, dry place away from direct sunlight and moisture. Use the provided storage bag for protection.
- **Charging:** Recharge the jump starter every 3-6 months, even if not in use, to maintain battery health.
- **Cleaning:** Wipe the device with a soft, dry cloth. Do not use harsh chemicals or abrasive cleaners.
- **Battery Care:** Avoid fully discharging the battery frequently. Recharge promptly after use.

8. Troubleshooting

Problem	Possible Cause	Solution
Vehicle does not start	Low jump starter battery; Incorrect clamp connection; Vehicle battery completely dead; Other vehicle issues.	Recharge jump starter; Check clamp polarity and connection; Wait 30-60 seconds between attempts; Consult a mechanic if issues persist.
Jump starter not charging	Faulty charging cable; Faulty power adapter; Damaged charging port.	Try a different USB cable and power adapter; Contact customer support if the issue persists.
LED light not working	Low jump starter battery; Device malfunction.	Recharge jump starter; Contact customer support.

9. Specifications

Model Number	JS-07
Peak Current	7000 A
Battery Capacity	26800 mAh
Battery Type	Lithium-ion
Voltage	12 Volts
USB-C Input	9V/2A
USB Output 1	5V/2A
USB Output 2	9V/2A QC3.0
Engine Compatibility	Up to 10.0L Gasoline / 10.0L Diesel
Vehicle Service Type	ATV, Van, Motorcycle, Watercraft, Snowmobile, Lawn Mower, Car
Dimensions	21 x 10 x 10 cm
Weight	840 grams

10. Warranty and Support

The CARHEV Jump Starter comes with 2 years of technical support. If you encounter any issues or have questions regarding the product, please contact our customer service. Our team is committed to responding within 24 hours to assist you.

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