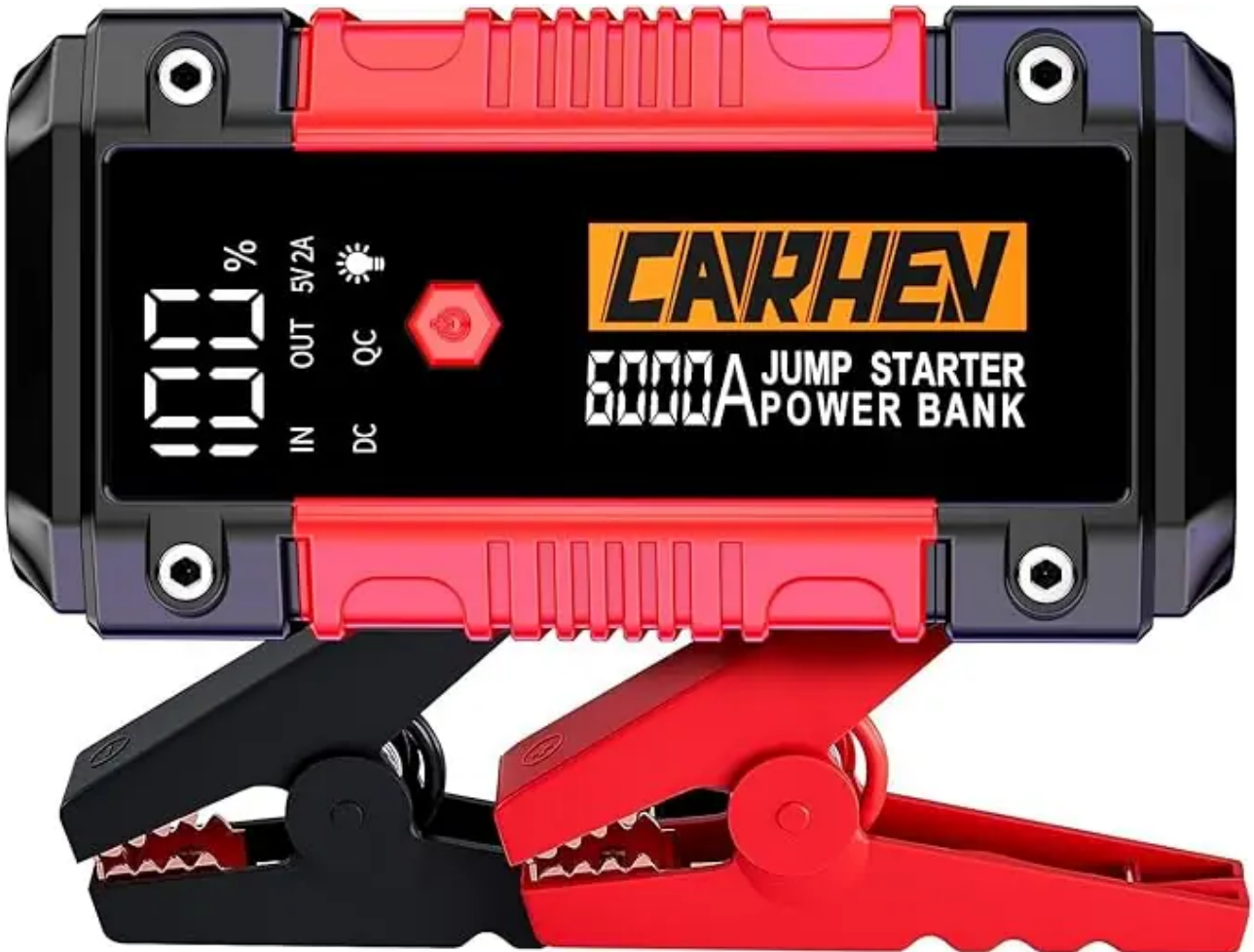


1. Overview

The CARHEV 6000A Jump Starter Power Pack is a portable 12V device designed to start vehicles with discharged batteries. It also functions as a power bank for USB devices and includes an emergency LED light.



Key capabilities:

- Jump-start 12V vehicles with gasoline engines up to 10.0L or diesel engines up to 10.0L.
- Provide portable power via USB Quick Charge 3.0 and standard USB ports.
- Serve as an emergency light source with multiple modes.

2. Package Contents

- CARHEV Jump Starter Power Pack (main unit)
- Smatr Jump Cables (clamps)
- USB Charger Cable
- Storage Case

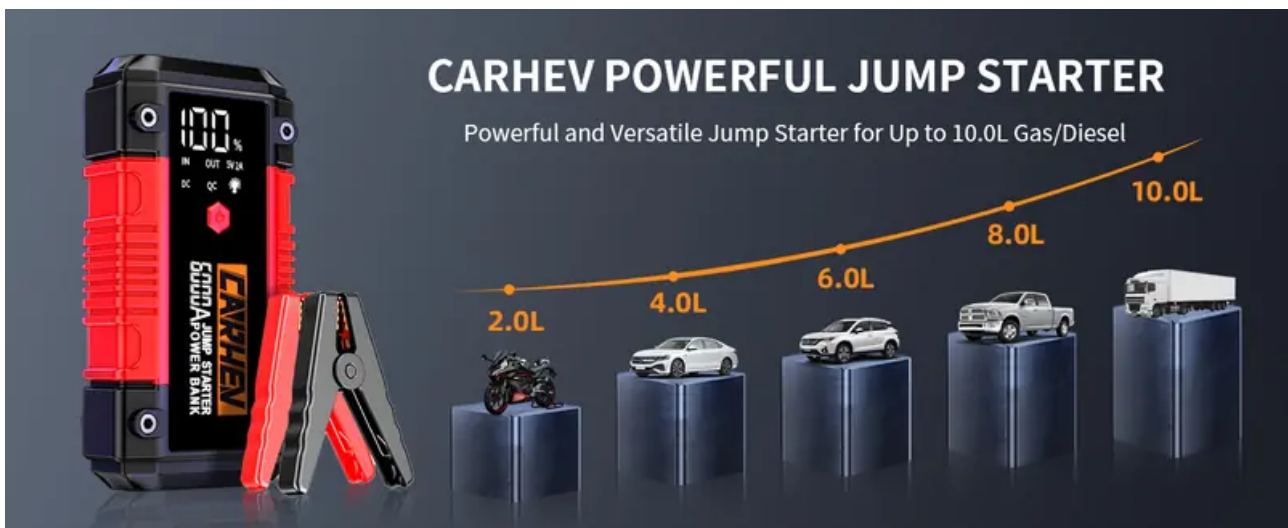
- User Manual (multi-language)



3. Product Features

3.1. Jump Starter Function

- **Peak Current:** 6000 Amps.
- **Compatible Vehicles:** Cars, Motorcycles, Tractors, Trucks, UTVs, Snowmobiles, ATVs, Scooters, Vans, RVs, Watercraft.
- **Engine Support:** Up to 10.0L gasoline or 10.0L diesel engines.



3.2. Power Bank Function

- **USB Outputs:** Two ports.
 - Quick Charge 3.0 (9V/2A)
 - Standard USB (5V/2A)
- **Battery Capacity:** 26800 mAh Lithium-ion.

- Can charge phones, tablets, and other USB devices.

3.3. LED Emergency Light

- **Modes:** Flashlight, Strobe Light, SOS Light.
- Suitable for camping, outdoor activities, and emergencies.



3.4. Display and Controls

- **Digital LCD Screen:** Shows remaining battery percentage.
- Provides a clear visual indication of power status.

3.5. Safety and Protection

- Intelligent safety system with 8 types of protection.
- Smart jump cables with excellent conductivity.
- Audible buzzer and visual indicators for correct/incorrect operation.
- **Operating Temperature:** -20°C to 60°C.
- **Ingress Protection:** IP65 rated shell resists rain, dust, and impacts.

4. Specifications

Specification	Detail
Brand	CARHEV
Model / Part Number	JS-05
Battery Type	Lithium Ion
Battery Capacity	26800 Milliamp Hours (mAh)
Output Voltage	12 Volts
Peak Current	6000 Amps
USB Outputs	QC 3.0 (9V/2A), Standard (5V/2A)
Ingress Protection	IP65

5. Use Guide

5.1. Charging the Jump Starter

1. Connect the provided USB charger cable to the jump starter's charging port.
2. Plug the other end into a standard USB power adapter (not included) or a computer USB port.
3. The LCD screen will indicate the charging progress. Charge fully before first use and after each use.

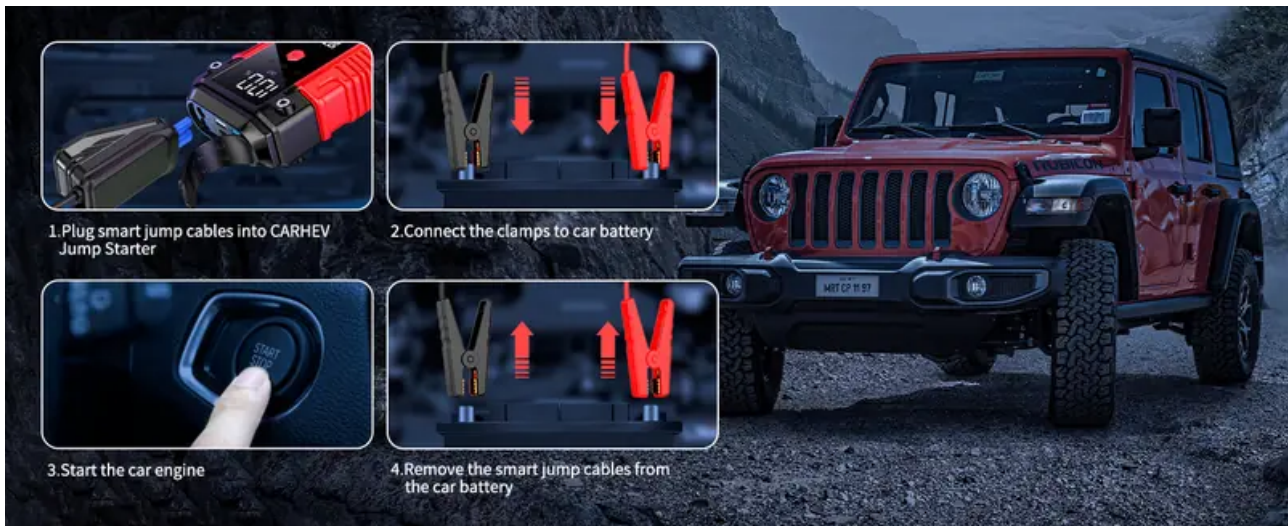
Maintenance Tip: If the jump starter will not be used for a long time, recharge it every 2-3 months to maintain battery health.

5.2. Jump-Starting a Vehicle

Safety First: Ensure the jump starter's battery level is above 50% before attempting to start a vehicle. Read all safety instructions in the manual before proceeding.

1. Turn off the vehicle's ignition and all electrical accessories (lights, radio, etc.).
2. Connect the Smatr Jump Cables to the jump starter's output port.
3. Identify the vehicle battery's positive (+) and negative (-) terminals.
4. Connect the red clamp to the positive (+) terminal of the vehicle battery.
5. Connect the black clamp to a clean, unpainted metal part of the vehicle's engine block or chassis (a solid ground), away from the battery and fuel lines.

6. Ensure connections are secure and cables are not near moving engine parts.
7. Turn on the jump starter (refer to its specific power button).
8. Wait a few moments, then attempt to start the vehicle. Crank for no more than 3-5 seconds at a time.
9. Once the vehicle starts, turn off the jump starter.
10. Disconnect the clamps in the reverse order: Black (ground) clamp first, then Red (positive) clamp.
11. Disconnect the cables from the jump starter.



5.3. Using as a Power Bank

1. Ensure the jump starter is charged.
2. Connect your device (phone, tablet) to the jump starter using your own USB cable.
3. Plug the cable into either the Quick Charge 3.0 port (for compatible devices) or the standard USB port.
4. The device should begin charging. The LCD screen will show the jump starter's remaining power.

5.4. Using the LED Light

1. Locate the light control button on the jump starter.
2. Press the button repeatedly to cycle through the modes: Flashlight (steady) -> Strobe -> SOS.
3. Press and hold the button (or follow device-specific instructions) to turn the light off.

6. Safety Information & Warnings

- Read the entire manual before use.

- Do not use the jump starter to charge or jump-start non-12V batteries.
- Do not disassemble, puncture, or incinerate the unit.
- Keep away from children, fire, heat, and water (despite IP65 rating, avoid submersion).
- Ensure correct polarity when connecting clamps. Reverse polarity may trigger the safety protection and audible alarm.
- Do not touch the clamps together while the unit is on.
- Store in the provided case in a cool, dry place.
- The device contains a lithium-ion battery. Follow local regulations for disposal or recycling.

7. Troubleshooting

Issue	Possible Cause / Solution
Jump starter does not turn on.	Battery may be depleted. Recharge the unit fully.
Vehicle does not start.	<ul style="list-style-type: none"> • Ensure jump starter battery is above 50%. • Check that clamps are connected securely to correct terminals and a proper ground. • The vehicle's battery or other starting component may be faulty. • The engine size may exceed the unit's capacity.
Audible alarm sounds during jump-start.	Indicates incorrect operation (e.g., reverse polarity, poor connection). Turn off unit, disconnect clamps, and check connections.
USB device does not charge.	<ul style="list-style-type: none"> • Check if the jump starter has sufficient charge. • Try a different USB cable or port. • The connected device may not be compatible.

8. Warranty and Support

CARHEV provides a 2-year warranty and technical support for this product.

If you encounter any issues or have questions:

- Refer to this manual and the included multi-language user guide first.

- Contact CARHEV customer service. The product listing states the team aims to reply within 24 hours.

Manufacturer: CARHEV

Warning

This content is compiled from multiple sources and is provided for reference purposes only. It may not be complete or fully applicable to all situations. If you are unable to resolve your issue, please contact the product manufacturer or an authorized service provider for official support.

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