

Baseus BS-CHT007

Baseus 3000A Super Capacitor Car Jump Starter User Manual

Model: BS-CHT007

1. INTRODUCTION

This manual provides detailed instructions for the safe and efficient operation of your Baseus 3000A Super Capacitor Car Jump Starter. Please read this manual thoroughly before use and retain it for future reference. This device is designed to jump-start 12V vehicles with engines up to 10.0L gasoline or 8.0L diesel, utilizing advanced supercapacitor technology.

2. PRODUCT OVERVIEW

The Baseus Super Capacitor Car Jump Starter is a battery-free device that uses supercapacitor technology, eliminating the need for prior charging. It quickly charges from your vehicle's weak battery in minutes, then provides a powerful 3000A peak current to start your engine. Its robust design ensures reliable performance even in extreme weather conditions.

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Powerful Performance even in Extreme Weathers



Image: The Baseus jump starter operating effectively in cold, snowy conditions, connected to a car battery.

Key Features:

- **Battery-Free Supercapacitor Technology:** No internal battery, no need for pre-charging. Charges rapidly from a weak car battery.
- **High Peak Current:** Delivers 3000 Amps peak current for quick and reliable starting.
- **Wide Compatibility:** Suitable for 12V vehicles, including cars, trucks, motorcycles, watercraft, lawnmowers, yachts, RVs, and snowmobiles, with engines up to 10.0L gas or 8.0L diesel.
- **Smart Protection System:** Features multiple safety protections including short-circuit, over-current, overload, over-voltage, over-charge, and over-temperature protection.
- **Durable and Safe:** Designed for high safety and a long operational lifespan.

3. SAFETY INFORMATION

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

- Wear eye protection and gloves when working with car batteries.

- Ensure proper ventilation during use.
- Do not touch the red and black clamps together to avoid short-circuiting.
- Keep the device away from children and pets.
- Do not expose the device to rain or extreme moisture.
- If the device shows any signs of damage, do not use it.
- The smart protection system is designed to prevent common errors, but always connect the clamps correctly.

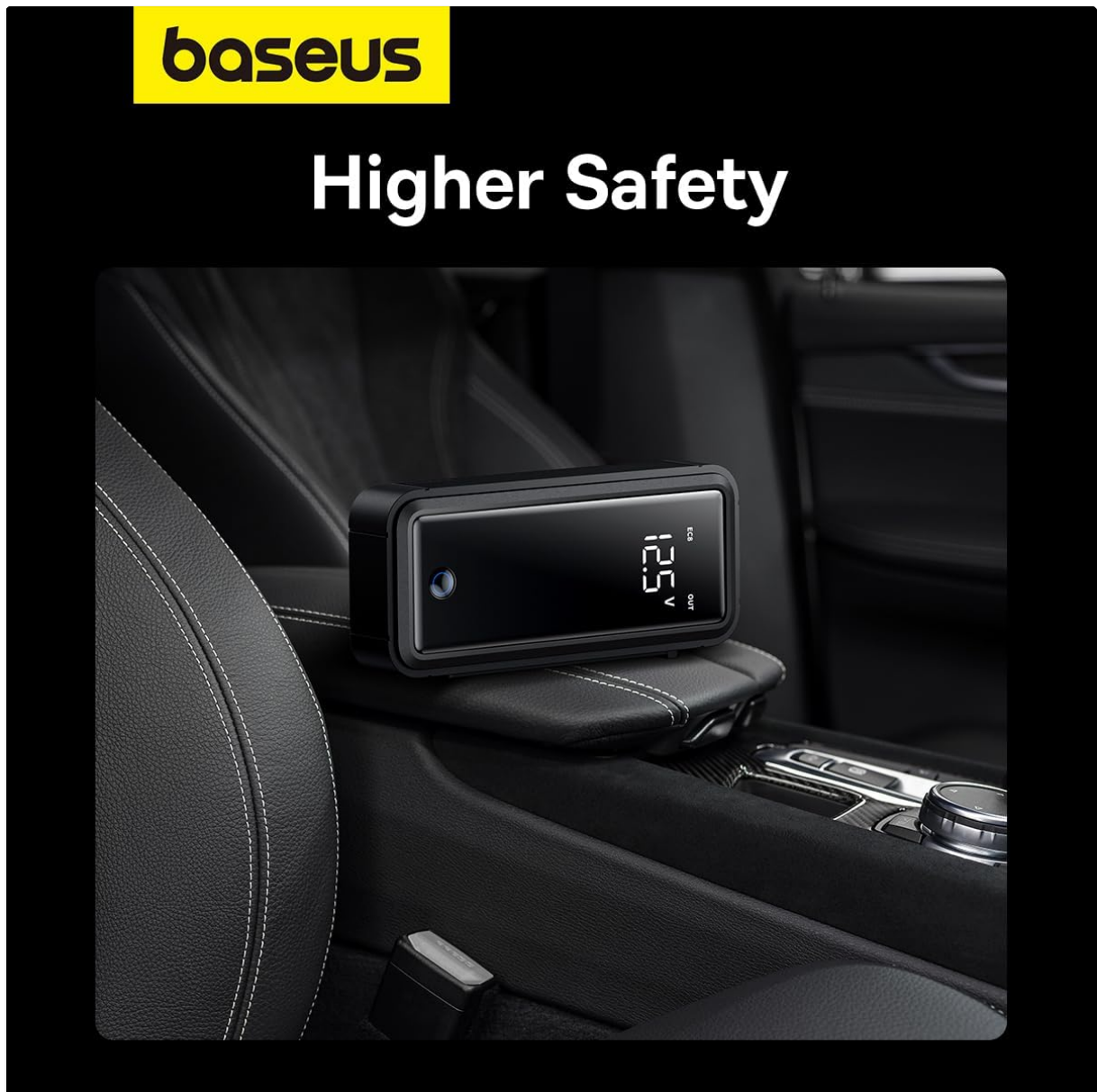


Image: The jump starter's design highlights its safety features and user-friendly interface.

4. SETUP

Before using the jump starter for the first time, ensure all components are present and undamaged. The package typically includes the Baseus 3000A Super Capacitor Jump Starter and its connecting clamps.



Image: The product packaging, indicating the 'Super Capacitor Design' and 'Super Energy Mega Series'.

This jump starter does not require pre-charging. It will draw power from your vehicle's weak battery to charge its supercapacitors before initiating the jump-start.

5. OPERATING INSTRUCTIONS

Follow these steps to jump-start your vehicle:

1. **Prepare the Vehicle:** Ensure your vehicle is in Park (P) or Neutral (N) and the parking brake is engaged. Turn off all accessories (lights, radio, air conditioning).
2. **Connect the Red Clamp:** Connect the red (positive, +) clamp of the jump starter to the positive (+) terminal of your vehicle's dead battery.
3. **Connect the Black Clamp:** Connect the black (negative, -) clamp to the negative (-) terminal of your vehicle's dead battery, or to a solid, unpainted metal part of the engine block or chassis, away from the battery.

4. **Wait for Charging:** The jump starter will begin to charge its supercapacitors from your vehicle's weak battery. The display will show the charging progress. This process typically takes a few minutes.
5. **Start the Vehicle:** Once the jump starter indicates it's ready (e.g., a full charge indicator or specific message on the display), start your vehicle's engine.
6. **Disconnect Clamps:** Once the engine starts, immediately disconnect the black (negative, -) clamp first, followed by the red (positive, +) clamp.
7. **Drive Your Vehicle:** Allow your vehicle to run for at least 15-20 minutes to recharge its battery.



Image: The jump starter connected to a car battery, illustrating the direct charging from the vehicle's battery.

6. CHARGING THE JUMP STARTER

The Baseus Super Capacitor Car Jump Starter primarily charges itself from the weak car battery it is connected to. However, it also offers alternative charging methods:

- **Clamp Charging:** Connect the clamps to a weak car battery. The supercapacitors will fully charge in approximately 3 minutes.
- **DC Port Charging:** Use a compatible DC charger to charge the unit via its DC port. A full charge

takes approximately 5 minutes.

- **USB-C Port Charging:** Connect a USB-C cable to a power source. A full charge via USB-C takes approximately 30 minutes.

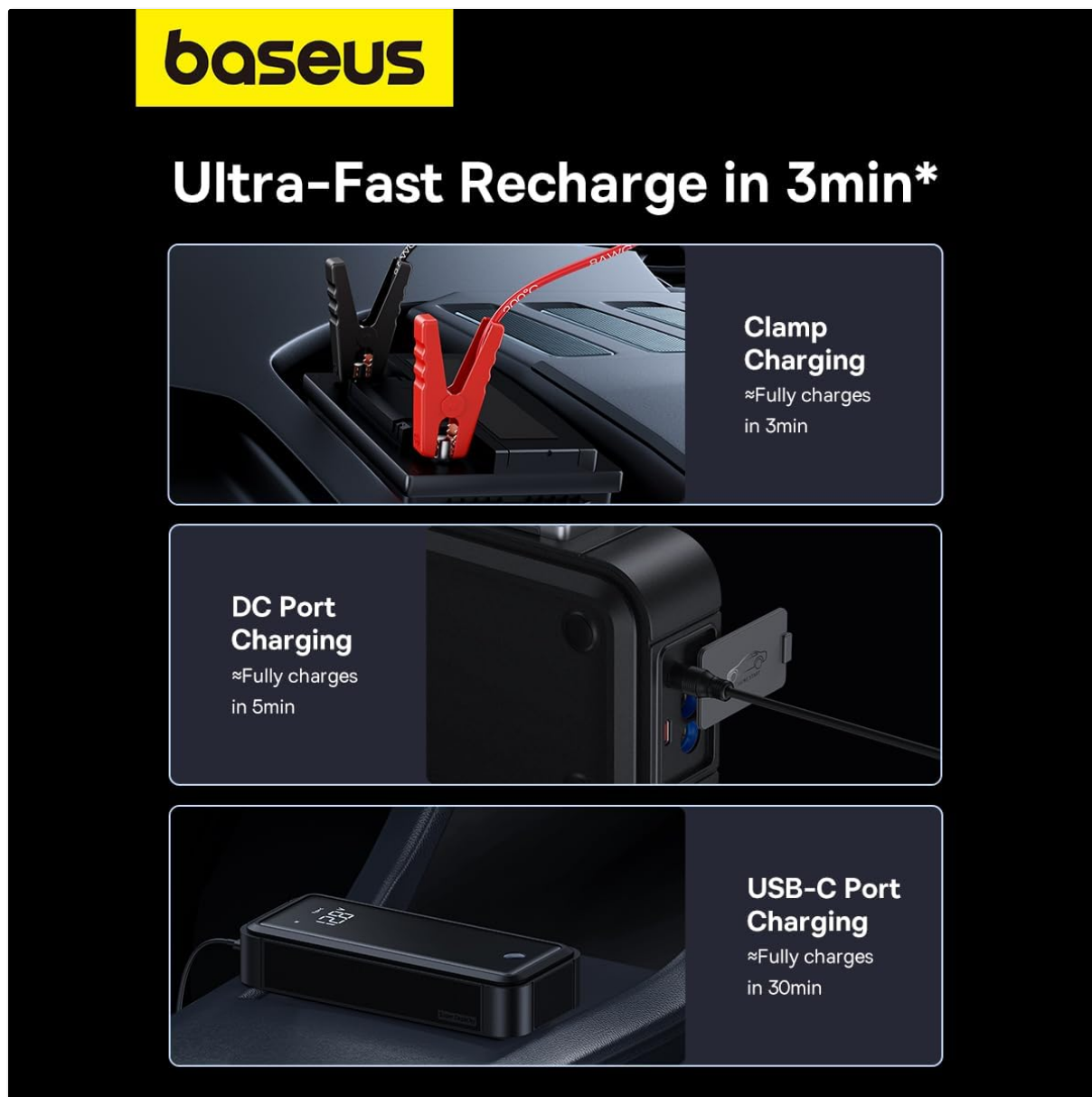


Image: Various ultra-fast charging options for the jump starter, including clamp, DC port, and USB-C.

7. MAINTENANCE

- **Cleaning:** Wipe the device with a dry, soft cloth. Do not use harsh chemicals or abrasive cleaners.
- **Storage:** Store the jump starter in a cool, dry place, away from direct sunlight and extreme temperatures.
- **Cable Inspection:** Periodically inspect the clamps and cables for any signs of wear, damage, or corrosion. Replace if necessary.
- **Battery-Free Advantage:** Since it uses supercapacitors, there is no internal battery to maintain or worry about self-discharge over long periods of storage.

8. TROUBLESHOOTING

Problem	Possible Cause	Solution
Vehicle does not start after jump-starting.	Incorrect clamp connection; vehicle battery too severely discharged; other vehicle issues.	Ensure clamps are securely connected to the correct terminals. Allow more time for the jump starter to charge. If the issue persists, consult a mechanic.
Jump starter display is off or unresponsive.	Poor connection; device malfunction.	Check all connections. Ensure the vehicle battery has at least some residual charge for the supercapacitors to draw from. If completely dead, try charging via DC or USB-C.
Clamps get hot during use.	High current draw; prolonged cranking.	This can be normal for high current. Avoid prolonged cranking (more than 3-5 seconds). Allow the device to cool down between attempts.

9. SPECIFICATIONS

Specification	Value
Brand	Baseus
Model	BS-CHT007
Peak Current Output	3000 Amps
Voltage	12 Volts
Compatible Engine Types	Up to 10.0L Gas, 8.0L Diesel
Compatible Vehicle Types	Motorcycle, Snowmobile, Passenger Car, Truck, Watercraft, Lawnmower, Yacht, RV
Product Dimensions	65.02 x 29.46 x 12.95 cm
Item Weight	1.69 Kilograms
Charging Methods	Clamp Charging, DC Port, USB-C Port

10. WARRANTY AND SUPPORT

For warranty information and technical support, please refer to the documentation included with your purchase or contact the retailer where you purchased the Baseus 3000A Super Capacitor Car Jump Starter. You may also visit the official Baseus website for further assistance and contact details.