

acetek HH745

acetek HH745 1800 Amp Car Jump Starter User Manual

Model: HH745 | Brand: acetek

1. INTRODUCTION

Thank you for choosing the acetek HH745 1800 Amp Car Jump Starter. This device is designed to provide reliable emergency power for jump-starting 12V vehicles, as well as serving as a portable power bank and an LED light source. Please read this manual thoroughly before use to ensure safe and optimal operation.

2. PACKAGE CONTENTS

Verify that all items are present in your package:

- 1× acetek Jump Starter (Model HH745)
- 1× Storage Box
- 1× Instruction Manual
- 1 x AC Home Charger
- 1 x 12V DC Car Charger
- 1 x Intelligent Jumper Cable Set with Clamps and Protection Device



Image: The acetek HH745 Jump Starter unit shown with its included accessories: a storage box, instruction manual, AC home charger, and 12V DC car charger.

3. PRODUCT FEATURES

The acetek HH745 Jump Starter offers a range of features for emergency situations and daily convenience:

- **Powerful Jump Starting:** Delivers 1800 Amp peak current with a 20000mAh capacity, capable of jump-starting 12V vehicles with up to 6.0L gas or 6.0L diesel engines. Provides up to 30 jump starts on a single

charge.

- **Advanced Safety System:** Incorporates nine intelligent safety functions including short-circuit protection, over-temperature protection, reverse connection protection, over-current protection, overcharge protection, over-voltage protection, magnetic field protection, and polymer physics for enhanced user safety.
- **Multifunctional Power Bank:** Features dual USB quick charge output ports for charging smartphones, tablets, GPS devices, and other electronic devices.
- **12V/10A Output:** A dedicated 12V/10A port allows powering other vehicle devices such as car fridges or vacuum cleaners.
- **Integrated LED Light:** Equipped with a super bright LED flashlight for visibility during nighttime emergencies or outdoor activities.
- **Durable Design:** Built to withstand challenging temperatures from -4°F to 140°F (-20°C to 60°C).



Image: The front panel of the acetek HH745 Jump Starter, showing the battery check button, charge indicator lights, USB output ports, 12V DC socket, and LED light.



Image: A detailed breakdown of the acetek HH745 Jump Starter's components, including the handle, LED light, indicator & USB output, switch, DC 12V cigarette lighter socket, and battery clips.

4. SAFETY INFORMATION

Always observe the following safety precautions when using the jump starter:

- Read all instructions before use.
- Wear eye protection and gloves when working with car batteries.
- Ensure the jump starter is fully charged before use.
- Do not connect the positive (+) and negative (-) clamps together.
- Do not attempt to jump-start a frozen battery.
- Keep the unit away from children.
- Use in a well-ventilated area.
- If the unit becomes excessively hot during use, discontinue operation and allow it to cool.

Auto Jump Starter

Powerful & Portable



short-circuit
protection



over-temperature
protection



over-current
protection



over-voltage
protection



over charge
protection



reverse connection
protection



polymer
physics



magnetic field
protection

Image: The acetek HH745 Jump Starter highlighting its safety features, including protection against short-circuit, over-temperature, over-current, over-voltage, overcharge, reverse connection, magnetic field, and polymer physics.

5. CHARGING THE UNIT

Before first use, fully charge the jump starter. It is recommended to recharge the unit every 3-6 months to maintain battery health.

5.1 Using the AC Home Charger

1. Connect the AC home charger to the charging port on the jump starter.
2. Plug the AC home charger into a standard wall outlet.
3. The charge indicator lights will illuminate to show charging progress. All lights will be solid when fully charged.

5.2 Using the 12V DC Car Charger

1. Connect the 12V DC car charger to the charging port on the jump starter.
2. Plug the other end into your vehicle's 12V cigarette lighter socket.
3. The charge indicator lights will show charging progress.

6. OPERATING INSTRUCTIONS

6.1 Jump Starting a Vehicle

Follow these steps to safely jump-start your vehicle:

1. Ensure the jump starter is fully charged.
2. Turn off your vehicle's ignition and all accessories.
3. Connect the red (+) clamp to the positive (+) terminal of your vehicle's battery.
4. Connect the black (-) clamp to a clean, unpainted metal part of your vehicle's engine block or chassis, away from the battery. Do NOT connect directly to the negative (-) battery terminal.
5. Turn on the jump starter unit.
6. Attempt to start your vehicle. If it doesn't start immediately, wait 30 seconds before trying again. Do not

crank for more than 5 seconds per attempt.

7. Once the vehicle starts, immediately disconnect the black (-) clamp from the vehicle chassis, then disconnect the red (+) clamp from the battery.
8. Turn off the jump starter unit.



Image: A visual guide demonstrating the four steps for jump-starting a car: connecting clamps, turning on the jump starter, starting the car, and removing clamps.



Image: The acetek HH745 Jump Starter positioned in a car's engine bay, with its clamps connected to the vehicle's battery terminals, ready for jump-starting.

Your browser does not support the video tag.

Video: An official product video demonstrating the features and usage of the acetek Car Jump Starter, including connecting to a car battery and starting a vehicle.

6.2 Using as a Power Bank

To charge electronic devices:

1. Connect your device's USB charging cable to one of the USB output ports on the jump starter.
2. The jump starter will automatically begin charging your device.

Portable & Powerful

Quick Charge to your phone, tablet and other electronic devices



Image: The acetek HH745 Jump Starter with USB cables connected, charging a smartphone and tablet, demonstrating its power bank functionality.



Image: A smartphone connected via a USB cable to the acetek HH745 Jump Starter, illustrating its use as a portable charger for electronic devices.

6.3 Using the LED Light

To activate the LED light:

1. Locate the LED light power button on the unit.
2. Press the button once to turn on the light. Press again to cycle through different light modes (e.g., steady, strobe, SOS) if available, or to turn off.



Image: The acetek HH745 Jump Starter's LED light brightly illuminating a car's engine bay, useful for emergency repairs in low-light conditions.



Image: The acetek HH745 Jump Starter's LED light providing illumination in a dark outdoor camping environment,

highlighting its utility beyond vehicle emergencies.

7. MAINTENANCE AND STORAGE

Proper maintenance ensures the longevity and performance of your jump starter:

- **Recharge Regularly:** Recharge the unit every 3-6 months, even if not used, to prevent deep discharge and extend battery life.
- **Cleanliness:** Keep the unit clean and free from dust and debris. Use a dry cloth for cleaning.
- **Storage:** Store the jump starter in a cool, dry place, away from direct sunlight and extreme temperatures. The unit is designed to operate in temperatures from -4°F to 140°F (-20°C to 60°C).
- **Cable Care:** Inspect jumper cables and clamps for any damage before each use. Replace if frayed or damaged.



Image: The acetek HH745 Jump Starter depicted against a background of fire and ice, illustrating its ability to function reliably in extreme temperatures ranging from -4°F to 140°F.

8. TROUBLESHOOTING

If you encounter issues with your acetek HH745 Jump Starter, refer to the following common problems and solutions:

- **Unit does not turn on:** Ensure the unit is charged. If not, connect to a charger.
- **Vehicle does not start:**
 - Check that the clamps are securely connected to the correct battery terminals (red to positive, black to chassis).
 - Ensure the jump starter is fully charged.
 - The vehicle battery might be severely damaged and require professional assistance.
- **Charge indicator lights not working:** Verify the charger is properly connected to both the unit and the power source.
- **LED light not working:** Check if the unit has sufficient charge. Press the LED light button firmly.

For further assistance, please contact customer support.

9. SPECIFICATIONS

Brand	acetek
Model	HH745
Peak Output Current	1800 Amps

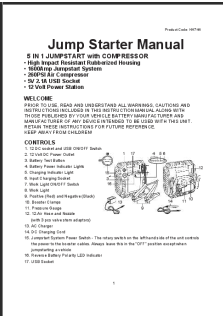
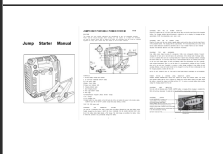
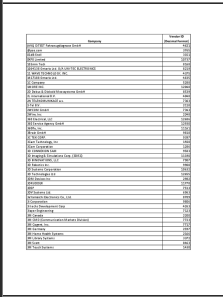
Battery Capacity	20000 mAh
Voltage	12 Volts
Battery Cell Composition	Sealed Lead Acid
Product Dimensions	5"D x 10"W x 11"H
Item Weight	16.24 pounds
Operating Temperature	-4°F to 140°F (-20°C to 60°C)
Engine Compatibility	Up to 6.0L Gas or 6.0L Diesel

10. WARRANTY AND SUPPORT

Your acetek HH745 1800 Amp Car Jump Starter comes with a 1-year warranty from the date of purchase. This warranty covers manufacturing defects and workmanship under normal use.

If you experience any problems with your portable car battery jump starter or have questions regarding its operation, please contact acetek customer support for assistance. Please have your purchase information and model number (HH745) ready when contacting support.

Related Documents - HH745

	<p>Jump Starter Manual: 5-in-1 Jumpstart with Compressor</p> <p>Comprehensive manual for the 5-in-1 Jumpstart with Compressor, detailing its controls, charging procedures, jumpstarting instructions, power supply usage, air compressor operation, specifications, battery disposal, and warranty information.</p>
	<p>JUMPSTART PORTABLE POWER SYSTEM HH745 User Manual and Instructions</p> <p>Comprehensive user manual for the JUMPSTART PORTABLE POWER SYSTEM HH745, covering charging, jumpstarting engines, operating features, safety precautions, and warranty information.</p>
	<p>Comprehensive List of Vendor IDs and Company Names</p> <p>A detailed compilation of vendor identification numbers alongside their corresponding company names, sourced from the USB-IF.</p>