

[Manuals.plus](#) /

› [Limitless Innovations](#) /

› Limitless Innovations BoostHero Portable Car Battery Jump Starter User Manual

Limitless Innovations BoostHero

Limitless Innovations BoostHero Portable Car Battery Jump Starter User Manual

Model: BoostHero (LIM-BSTHERO-)

Brand: Limitless Innovations

INTRODUCTION

The BoostHero Portable Car Battery Jump Starter is a versatile device designed to provide emergency jump-starting capabilities for vehicles, act as a power bank for electronic devices, and function as a multi-mode LED flashlight. This manual provides essential information for the safe and effective use of your BoostHero device.

WHAT'S IN THE BOX

- BoostHero Portable Car Battery Jump Starter
- Smart Jumper Cables with LED Light
- 24" Charging Cable
- USB Car Charger
- Carrying Pouch with Printed Instructions

PRODUCT FEATURES

Universal Jump Starter

The BoostHero is engineered to jump-start a wide range of vehicles, including most cars, trucks, SUVs, boats, motorcycles, lawn mowers, and ATVs. It delivers a powerful 800A peak current, suitable for engines up to 6.0L gas or 4.0L diesel.

JUMP STARTS UP TO AN 8-CYLINDER ENGINE 7.0L GAS / 4.0L DIESEL



RIDING MOWERS



ATV'S



MOTORCYCLES



CARS



SUVs



TRUCKS



BOATS

CHARGING COMPATIBILITY:



MOBILE
DEVICES



TABLETS



GAMING SYSTEMS



CAMERAS



NAVIGATION SYSTEMS



WIRELESS HEADPHONES



WIRELESS SPEAKERS

Image: The BoostHero can jump start a variety of vehicles and charge multiple electronic devices.

4-Mode LED Flashlight

Equipped with a lightweight 110-Lumen LED flashlight, the BoostHero offers four distinct modes: High Beam, Low Beam, S.O.S., and Strobe. With a 396ft reach, it is an essential tool for daily use, travel, outdoor activities, and emergency situations.

4-MODE LED FLASHLIGHT



HIGH



LOW



S.O.S.



STROBE

110 LUMEN | **396**FT BEAM DISTANCE

Image: The BoostHero features a 110-Lumen LED flashlight with High, Low, S.O.S., and Strobe modes.

6,000mAh Power Bank

The integrated 6,000mAh power bank features a USB port that provides up to 2.4 amps for fast charging. This makes it ideal for charging various USB-chargeable devices, including mobile phones, tablets, and gaming devices.

BOOSTHERO

JUMP STARTER / FLASHLIGHT / POWER BANK



Image: The BoostHero functions as a 6,000mAh power bank, capable of charging mobile devices.

Water & Dust Resistant

With an IP65 rating, the BoostHero is protected against water and dust ingress, making it suitable for use in rugged environments and various weather conditions.

SAFETY INFORMATION

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

- Do not operate the jump starter if it has been dropped or damaged.
- Ensure proper polarity when connecting the jumper cables to the vehicle battery. The Smart Jumper Cables include built-in protection against incorrect connections.
- Keep the jump starter away from children.
- Do not expose the jump starter to extreme temperatures or direct sunlight for prolonged periods.
- Do not immerse the jump starter in water.
- Use only the provided charging cables and accessories.

Built-in Protection Features

The BoostHero Smart Jumper Cables incorporate 10 levels of built-in protection to ensure safe operation:

1. Reverse Polarity Protection
2. Short Circuit Protection
3. Over-Charge Protection
4. Over-Discharge Protection
5. Over-Temperature Protection
6. Timeout Protection
7. Vehicle Battery False Voltage Protection
8. Vehicle Engine Voltage Protection
9. Non-Sparking Full Protection
10. Low Input Voltage Protection

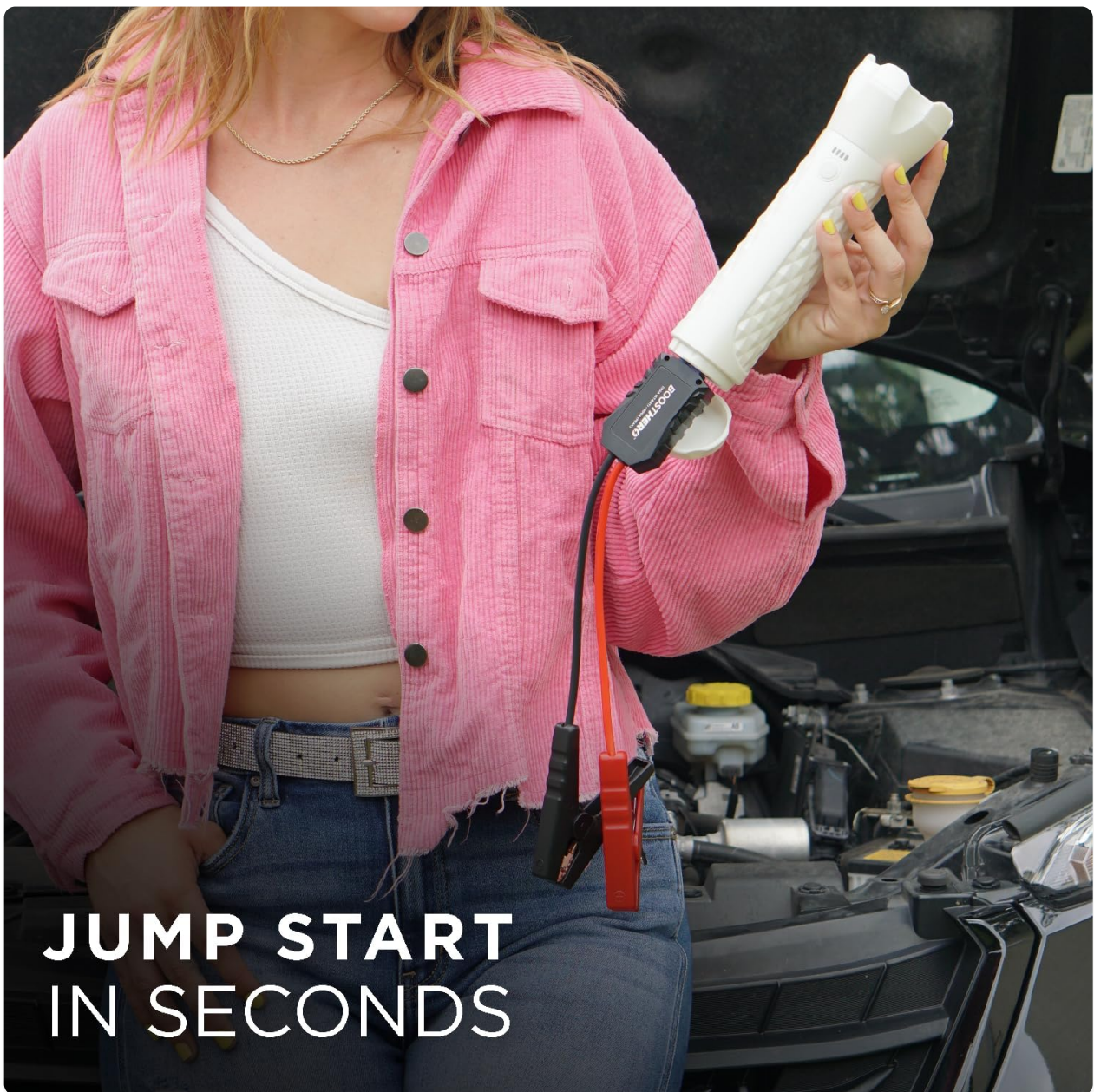


Image: The Smart Jumper Cables feature multiple safety protections, including reverse polarity and short circuit protection.

SETUP

Charging the BoostHero

Before initial use, fully charge your BoostHero. Connect the provided 24" Charging Cable to the BoostHero and then to the USB Car Charger or a compatible USB wall adapter. The battery indicator lights on the device will show the charging progress. Ensure the device is fully charged for optimal performance.

Your browser does not support the video tag.

Video: This video demonstrates the BoostHero's features, including its charging capabilities and compact design.

OPERATING INSTRUCTIONS

Jump Starting a Vehicle

1. Ensure the BoostHero is fully charged.
2. Open the protective cap on the BoostHero and firmly plug the Smart Jumper Cables into the designated port.
3. Connect the **red** clamp to the vehicle's positive (+) battery terminal.
4. Connect the **black** clamp to the vehicle's negative (-) battery terminal.
5. Once connected, the Smart Jumper Cables will indicate readiness (e.g., a green light). If an error is detected (e.g., reverse polarity), an alarm will sound, and an error light will illuminate. Disconnect and reconnect correctly.
6. Start your vehicle.
7. Once the vehicle starts, immediately disconnect the black clamp, then the red clamp, and finally unplug the Smart Jumper Cables from the BoostHero.

PORTABLE JUMP STARTER FOR MOST VEHICLES

8-CYL / 7.0L GAS / 4.0L DIESEL



Image: The BoostHero with Smart Jumper Cables connected to a vehicle battery, ready for jump starting.

Using the LED Flashlight

To activate the flashlight, press and hold the power button on the BoostHero. Subsequent short presses will cycle through the High Beam, Low Beam, S.O.S., and Strobe modes. Press and hold again to turn off the flashlight.

Using as a Power Bank

Plug your USB-chargeable device's cable into the USB output port on the BoostHero. The device will begin charging automatically. The BoostHero's display will show the remaining battery percentage.

MAINTENANCE

- **Charging:** For optimal battery life, recharge the BoostHero every three months, even if not in use.
- **Cleaning:** Wipe the device with a dry, soft cloth. Do not use harsh chemicals or abrasive materials.
- **Storage:** Store the BoostHero in its carrying pouch in a cool, dry place, away from direct sunlight and extreme temperatures.

TROUBLESHOOTING

Problem	Possible Cause	Solution
Vehicle does not start	BoostHero battery is low; incorrect cable connection; vehicle battery severely discharged.	Fully charge BoostHero. Check cable connections for correct polarity. If vehicle battery is extremely low, allow BoostHero to connect for a few minutes before attempting to start.
Smart Jumper Cables alarm sounds/error light on	Reverse polarity connection; short circuit.	Disconnect cables immediately. Reconnect ensuring red clamp is on positive (+) and black clamp is on negative (-).
BoostHero not charging devices	BoostHero battery is low; incorrect USB cable/port.	Charge BoostHero. Ensure correct USB cable is used and plugged into the output port.
Flashlight not working	BoostHero battery is low; flashlight not activated correctly.	Charge BoostHero. Press and hold the power button to activate the flashlight.

SPECIFICATIONS

Feature	Detail
Brand	Limitless Innovations
Model	BoostHero (LIM-BSTHERO-)
Amperage	6000 Milliamps (800A Peak Current)
Engine Compatibility	Up to 6.0L Gas / 4.0L Diesel
Flashlight Lumens	110 Lumens
Flashlight Modes	High Beam, Low Beam, S.O.S., Strobe
Water & Dust Resistance	IP65
Item Weight	1.98 pounds
Package Dimensions	11.46 x 5.91 x 4.02 inches
Batteries	1 Lithium Ion battery (included)
UPC	810173090025

WARRANTY & SUPPORT

For warranty information and customer support, please refer to the documentation included with your product or visit the official Limitless Innovations website. Keep your proof of purchase for any warranty claims.

