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Model: BoostHero | Brand: Limitless Innovations

INTRODUCTION

The BoostHero Portable Car Battery Jump Starter is a versatile device designed to provide reliable power for various situations. It functions as a powerful jump starter for vehicles, a portable power bank for electronic devices, and a multi-mode LED flashlight for illumination and emergencies. This manual provides essential information for safe and effective use of your BoostHero device.

PACKAGE CONTENTS

Ensure all items are present upon unboxing:

- BoostHero Portable Car Battery Jump Starter Unit
- Smart Jumper Cables with LED Light
- 24-inch 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 vehicles with up to 6.0L gas or 4.0L diesel engines.
- **4-Mode LED Flashlight:** Equipped with a lightweight 110-Lumen LED flashlight, offering four distinct modes: High Beam, Low Beam, S.O.S. (Morse code for distress), and Strobe. It provides a beam distance of up to 396 feet, making it a valuable tool for daily use, travel, outdoor activities, and emergency situations.
- **6,000mAh Power Bank:** Features a USB output port that provides up to 2.4 amps for fast charging of USB-chargeable devices. This makes it ideal for mobile phones, tablets, gaming devices, and other compatible electronics.
- **Water & Dust Resistant:** With an IP65 rating, the BoostHero is protected against dust ingress and low-pressure water jets,

ensuring durability and reliability in rugged environments.

- **Smart Jumper Cables with 10 Levels of Protection:** The included Smart Jumper Cables feature built-in safety mechanisms, including Reverse Polarity Protection, Short Circuit Protection, Over-Charge Protection, Over-Discharge Protection, Over-Temperature Protection, Timeout Protection, Vehicle Battery False Voltage Protection, Vehicle Engine Voltage Protection, Non-Sparking Full Protection, and Low Input Voltage Protection.

SETUP

Initial Charging of BoostHero

Before first use, fully charge your BoostHero unit. Use the provided 24-inch charging cable and USB car charger, or any compatible USB wall adapter (not included). The battery indicator lights on the unit will show the charging progress. Ensure all four lights are solid to confirm a full charge.

Connecting Smart Jumper Cables

Locate the dedicated port on the BoostHero unit for the Smart Jumper Cables. Insert the blue connector of the Smart Jumper Cables firmly into this port. Ensure a secure connection before proceeding with jump starting.

OPERATING INSTRUCTIONS

1. Jump Starting a Vehicle

1. Ensure the BoostHero unit is sufficiently charged (at least 50% recommended).
2. Connect the Smart Jumper Cables to the BoostHero unit.
3. Attach the red clamp to the positive (+) terminal of the vehicle battery.
4. Attach the black clamp to the negative (-) terminal of the vehicle battery.
5. Observe the indicator light on the Smart Jumper Cables. A solid green light indicates a correct connection and readiness to jump start. If a red light or alarm sounds, check connections for reverse polarity or short circuit.
6. Once the green light is solid, start your vehicle's engine.
7. After the vehicle starts, immediately disconnect the black clamp from the negative (-) terminal, then disconnect the red clamp from the positive (+) terminal.
8. Finally, disconnect the Smart Jumper Cables from the BoostHero unit.

PORTABLE JUMP STARTER FOR MOST VEHICLES

8-CYL / 7.0L GAS / 4.0L DIESEL



Image: The BoostHero connected to a car battery, ready for jump starting.

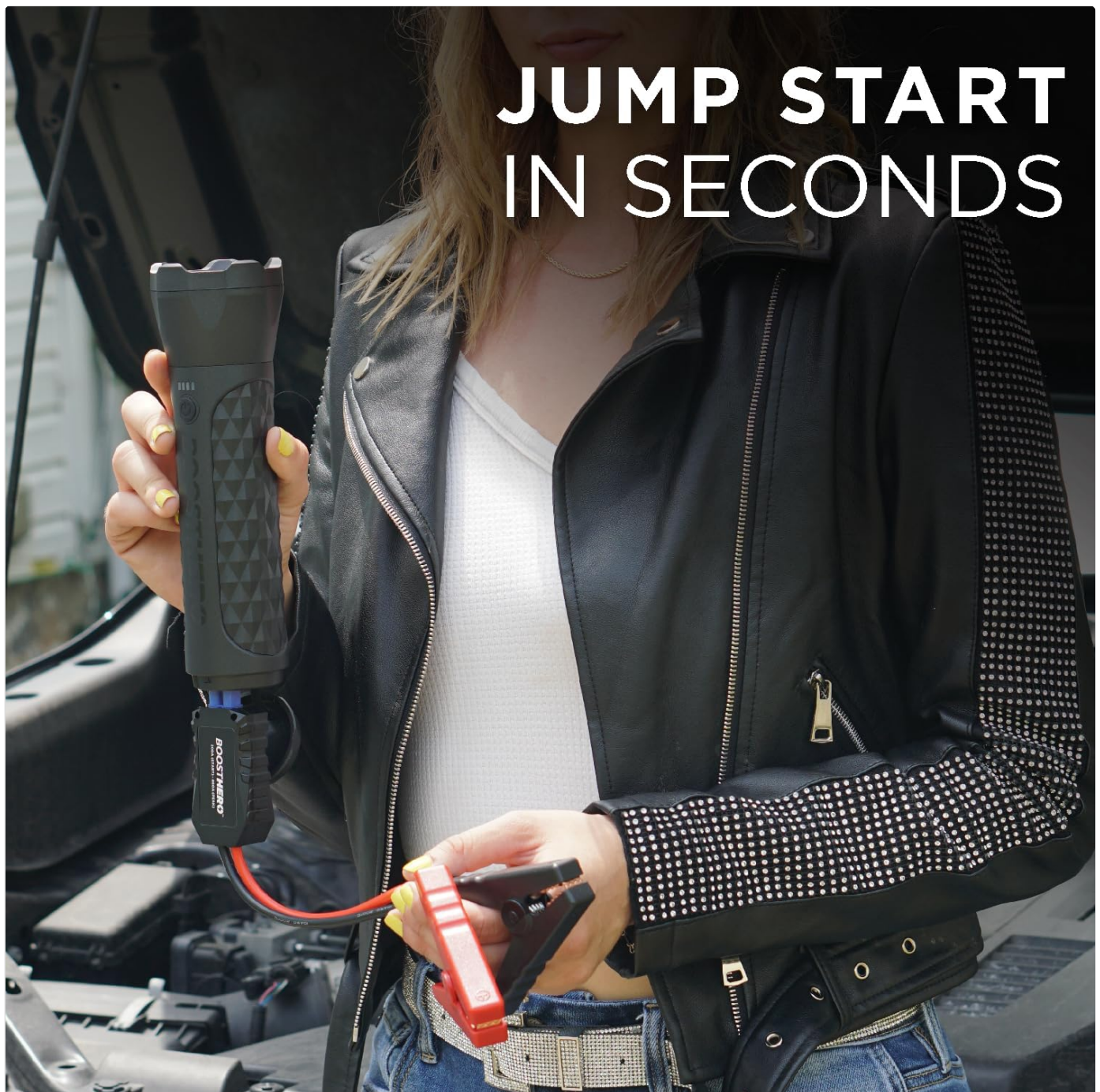


Image: Close-up of the Smart Jumper Cables connected to a car battery, showing the 'START' indicator.

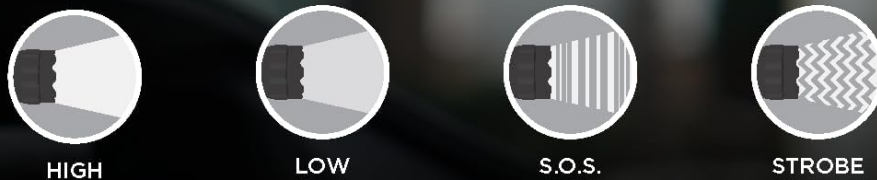
2. Using the LED Flashlight

Press and hold the power button on the BoostHero unit for 2-3 seconds to activate the flashlight. Subsequent short presses will cycle through the modes:

- High Beam
- Low Beam
- S.O.S. (Morse code for distress signal)
- Strobe

To turn off the flashlight, press and hold the power button for 2-3 seconds.

4-MODE LED FLASHLIGHT



110 LUMEN | **396**FT BEAM DISTANCE

Image: The BoostHero unit with its 4-mode LED flashlight illuminated.

3. Using as a Power Bank

The BoostHero features a USB output port for charging electronic devices. Simply connect your device's USB charging cable to the BoostHero's USB port. The unit will automatically begin charging your device. The 6,000mAh capacity allows for multiple charges of most smartphones.

6,000mAh POWER BANK



Image: The BoostHero unit connected via USB to charge a smartphone.

Video: Official B-Roll footage showcasing the Limitless Innovations BoostHero's features and portability.

MAINTENANCE

Recharging the BoostHero

To ensure optimal performance and longevity, recharge your BoostHero unit after each use, especially after jump starting a vehicle. It is recommended to fully charge the unit every 3-6 months even if not used, to maintain battery health.

Storage

Store the BoostHero in a cool, dry place, away from direct sunlight and extreme temperatures. Use the provided carrying pouch to protect the unit and its accessories from dust and damage.

Cleaning

Wipe the unit with a soft, dry cloth. Do not use harsh chemicals or abrasive materials, as these may damage the device.

Smart Jumper Cable Indicators

The Smart Jumper Cables are equipped with indicator lights and audible alerts to guide you:

- **Solid Green Light:** Correct connection, ready to jump start.
- **Solid Red Light / Alarm:** Reverse polarity detected. Disconnect immediately and re-attach clamps correctly.
- **Flashing Green Light:** Vehicle battery voltage is too low. Use the Boost function (if available) or ensure the BoostHero is fully charged.
- **No Light / No Power:** Check if the BoostHero unit is turned on and fully charged. Ensure the jumper cables are securely connected to the BoostHero.



10 LEVELS OF BUILT-IN PROTECTION

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

Image: Diagram illustrating the 10 levels of built-in protection in the Smart Jumper Cables.

Device Not Turning On/Charging

- Ensure the power button is pressed and held for 2-3 seconds.

- Verify the charging cable and adapter are functioning correctly.
- Check for any visible damage to the unit or cables.

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 Engines
LED Flashlight	110 Lumens, 4 Modes (High, Low, S.O.S., Strobe), 396ft reach
Power Bank Output	USB, up to 2.4 Amps
Water & Dust Resistance	IP65 Rating
Battery Type	1 Lithium Ion battery (included)
Item Weight	1.98 pounds
Package Dimensions	11.3 x 5.94 x 3.98 inches
UPC	810173090018

WARRANTY AND SUPPORT

For warranty information or technical support, please refer to the documentation included in your package or visit the Limitless Innovations official website. Keep your proof of purchase for warranty claims.