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› Hulkman Alpha85 Portable Jump Starter User Manual

Hulkman Alpha 85

Hulkman Alpha85 Portable Jump Starter User Manual

Model: Alpha 85 | Brand: Hulkman

1. INTRODUCTION

Thank you for choosing the Hulkman Alpha85 Portable Jump Starter. This device is designed to provide a powerful and reliable solution for starting vehicles with dead batteries, as well as serving as a versatile power bank and emergency flashlight. With a peak current of 2000A and a 20000mAh lithium battery, it can jump-start vehicles with up to 8.5L gasoline or 6.0L diesel engines. Please read this manual carefully before use to ensure safe and optimal operation.



Image: The Hulkman Alpha85 Jump Starter, ready for use, with its smart clamps connected. A vehicle is visible in the background, suggesting its primary function.

2. WHAT'S IN THE BOX

Ensure all the following items are present in your package:

- Alpha 85 Jump Starter Unit
- Rubber-Coated Booster Clamps
- USB Type-C Cable
- 12V DC Cigarette Lighter Adapter
- User Manual & Warranty Information

What's in the Box



Image: A clear layout of all components included in the Hulkman Alpha85 package, showing the jump starter, clamps, various cables, and documentation.

3. SETUP AND INITIAL CHARGE

3.1 Initial Charging

Before first use, fully charge your Alpha85 unit. Connect the provided USB Type-C cable to the jump starter and a compatible USB power source. For fastest charging (approximately 1.5 hours from 0% to full), use a Hulkman 65W fast charger (sold separately). The intelligent 3.3-inch LED screen will display the charging progress.

3.2 Maintaining Charge

To ensure optimal performance and battery longevity, it is recommended to recharge the Alpha85 unit every three months or after each jump-start. The unit requires at least 20% charge to initiate a jump-start.



Image: A close-up of the Alpha85's digital display, indicating the current battery charge level as a percentage.

4. OPERATING INSTRUCTIONS: JUMP STARTING A VEHICLE

The Hulkman Alpha85 is designed for easy and safe jump-starting. Follow these three simple steps:

1. **Connect:** Ensure the Alpha85 unit is sufficiently charged (at least 20%). Connect the red clamp to the positive (+) terminal of your vehicle's dead battery and the black clamp to the negative (-) terminal. The smart clamps will automatically detect the battery connection.
2. **READY:** Once connected correctly, the intelligent LED screen on the Alpha85 will display "READY". This indicates the unit is prepared to deliver power. If an error message appears, refer to the troubleshooting section.
3. **Go:** Start your vehicle's engine. Once the engine starts, immediately disconnect the clamps from the battery, first the black (negative) clamp, then the red (positive) clamp.

The Alpha85 can jump-start vehicles with up to 8.5L gasoline engines and 6.0L diesel engines. It provides up to 60 jump-starts on a single full charge.

DÉMARRER VOTRE BATTERIE ÉPUISEE TOUT DE SUITE

10X

Temps
Économisé

0

Besoin
d'Aide



*Données basées sur la comparaison avec d'autres solutions.

Image: The Hulkman Alpha85 Jump Starter with its smart clamps attached to a vehicle battery, illustrating the connection process.

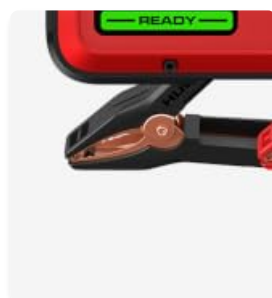


Image: A close-up of the Alpha85's screen displaying the word "READY" in green, indicating it is prepared for a jump-start.

REVIVE 99,9% DE BATTERIES ÉPUISÉES

20000mAh

Capacité De Batterie

2000A

Courant De Pointe



Nous avons testé 500+ voitures chez plus de 20 marques, dont 99,9% peuvent être démarrées facilement.

Image: An illustration demonstrating the engine displacement capacities the Alpha85 can handle, including 8.5L gasoline and 6.0L diesel engines.

5. MULTIFUNCTION FEATURES

5.1 Portable Power Bank

The Alpha85 doubles as a powerful 20000mAh power bank. It features USB-A and USB-C ports, allowing you to charge various electronic devices such as smartphones, tablets, and other USB-powered gadgets.

5.2 12V DC Output

A 10-amp 12-volt port is included to power 12V DC equipment, such as tire inflators, inverters, and portable refrigerators.

5.3 LED Flashlight

The built-in 400-lumen LED flashlight offers five modes: normal, strobe, SOS, and two additional emergency modes. This is a valuable tool for roadside emergencies or general illumination.

PLUS D'INFORMATION SUR L'ÉCRAN

Moins d'effort pour le fonctionner.



Image: The Alpha85 unit connected via USB-A and USB-C ports, simultaneously charging a smartphone, tablet, and other small electronic devices.

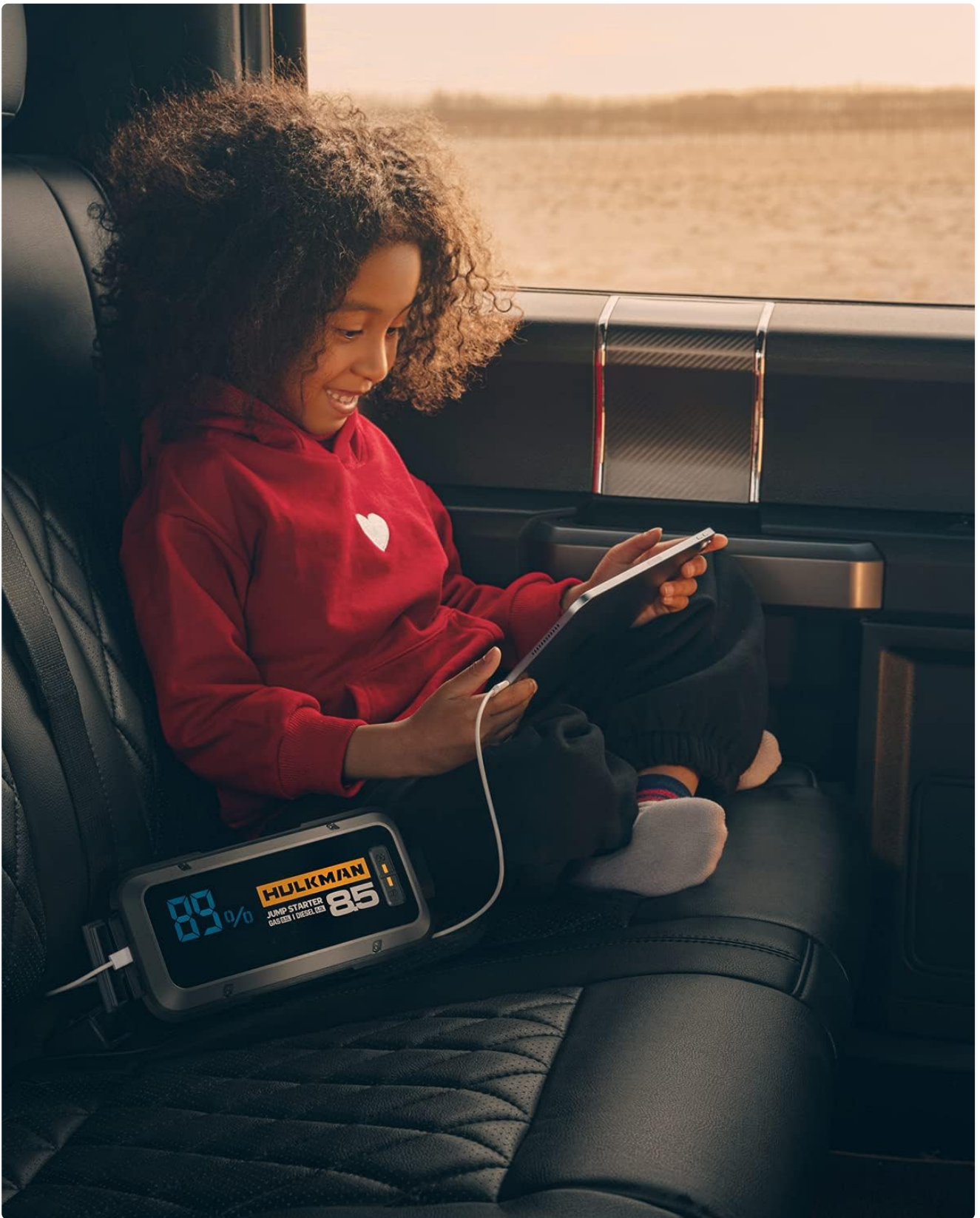


Image: A child in a car seat using the Alpha85 to charge a tablet, highlighting its utility as a portable power source for various situations.

6. SAFETY FEATURES AND PROTECTIONS

The Hulkman Alpha85 is equipped with multiple safety features to ensure user protection and prevent damage to the device or vehicle:

- **Spark-Proof Technology:** Prevents sparks during connection, enhancing safety.
- **Reverse Polarity Protection:** Alerts and protects against incorrect clamp connections.
- **Short-Circuit Protection:** Safeguards against short circuits.

- **Over-Current Protection:** Prevents damage from excessive current flow.
- **Over-Voltage Protection:** Protects against voltage surges.
- **Over-Charge Protection:** Prevents battery overcharging.
- **Over-Temperature Protection:** Monitors and regulates internal temperature.
- **IP65 Water Resistance:** Provides protection against dust and low-pressure water jets.
- **Drop Resistance:** Robust construction designed to withstand accidental drops.

The 3.3-inch smart screen visually displays product status and protection indicators, making operation intuitive and safe.

RECHARGER TOUS VOS APPAREILS

USB-A USB-C 12V DC



Image: A close-up of the Alpha85's display, showing a full charge (100%) and various safety icons, indicating active protection features.

7. SPECIFICATIONS

Feature	Specification
Brand	Hulkman
Model Number	Alpha 85
Peak Current	2000 Amps
Battery Capacity	20000 mAh / 74 Wh
Battery Composition	Lithium-ion
Voltage	12 Volts
Product Dimensions (L x W x H)	22 x 9.4 x 4 cm (8.66 x 3.7 x 1.57 inches)
Item Weight	1.64 Kilograms (3.62 lbs)
Operating Temperature	5°F to 113°F (-15°C to 45°C)
Engine Compatibility	Up to 8.5L Gasoline / 6.0L Diesel
Water Resistance Rating	IP65

8. TROUBLESHOOTING

If you encounter issues with your Hulkman Alpha85, please refer to the following common problems and solutions:

- **Unit does not turn on:** Ensure the unit is charged. If the battery is completely depleted, it may take a few minutes of charging before the screen activates.
- **"READY" not displayed after connecting clamps:**
 - Check that the clamps are securely connected to the correct battery terminals (red to positive, black to negative).
 - Ensure the vehicle battery voltage is not extremely low (below 1V).
 - The vehicle battery might be severely damaged.
- **Vehicle does not start after "READY" is displayed:**
 - Ensure the Alpha85 has sufficient charge (at least 20%).
 - The vehicle's battery may be too large for the Alpha85's capacity, or the engine may have other issues.
 - Try waiting 30-60 seconds after connecting before attempting to start the vehicle.
- **Error message on screen:** Refer to the specific error code or icon displayed on the screen. Common icons indicate reverse polarity, short circuit, or over-temperature. Disconnect the unit and re-evaluate the situation.

For persistent issues, please contact Hulkman customer support.

9. WARRANTY AND SUPPORT

The Hulkman Alpha85 Jump Starter comes with a **2-year worry-free warranty**. This warranty can be extended to **3 years**

upon product registration. Hulkman also provides **lifetime technical support** for this product.

If you have any questions, require assistance, or need to claim warranty service, please do not hesitate to contact Hulkman customer support. Contact details can typically be found on the official Hulkman website or through your purchase platform.