Hulkman Alpha 85

Hulkman Alpha85 Smart Jump Starter User Manual

Model: Alpha 85 | Brand: Hulkman

INTRODUCTION

The Hulkman Alpha85 is a powerful and versatile portable jump starter designed to revive dead vehicle batteries and serve as a multi-functional power bank. Featuring advanced safety protections and a user-friendly display, it ensures reliable performance in various conditions. This manual provides essential information for safe and effective use of your device.

Figure 1: Hulkman Alpha85 Smart Jump Starter with its digital display.

WHAT'S IN THE BOX

- Alpha 85 Jump Starter
- 12V Booster Clamps

- USB-C Cable
- DC 12V Cigarette Lighter Socket Adapter
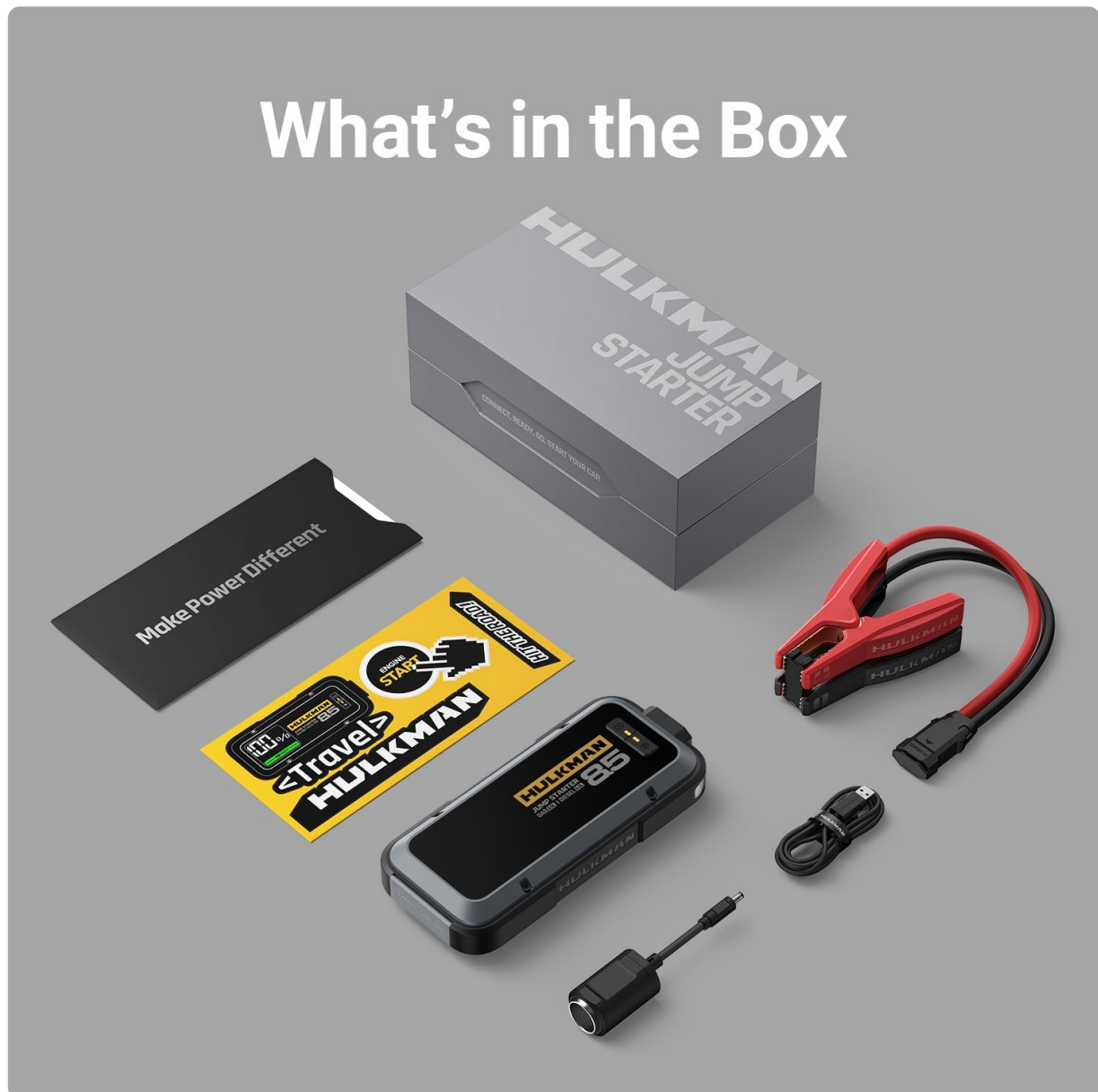- User Manual

What's in the Box

Figure 2: All items included in the Hulkman Alpha85 package.

KEY FEATURES

- **Powerful Jump Starting:** Delivers 2000 Amps peak current, capable of starting up to 8.5L Gas/6.0L Diesel engines. Provides up to 60 jump starts on a single charge.

- **Smart 3.3-inch Display:** Provides clear information on operational status, battery level, and error codes for easy use.

- **10-Layer Safety Protection:** Features integrated battery protection and intelligent clamps with spark-proof, mistake-proof, and reverse-polarity protection.

- **Multi-functional Power Bank:** Offers 15V 10A DC, USB-A QC3.0, and USB-C PD18W output for charging various electronic devices and powering accessories like tire pumps.

- **5-Mode LED Flashlight:** Built-in flashlight with multiple modes for emergency lighting.

- **Durable Design:** IP65-rated shell resists rain, dust, and impacts.

- **Fast Recharging:** Recharges from 0% to 80% in just one hour and fully charges in 90 minutes with 65W Speed Charge Tech. Holds power for up to 18 months.

See It, Start It

With a 3.3-inch Smart Display.

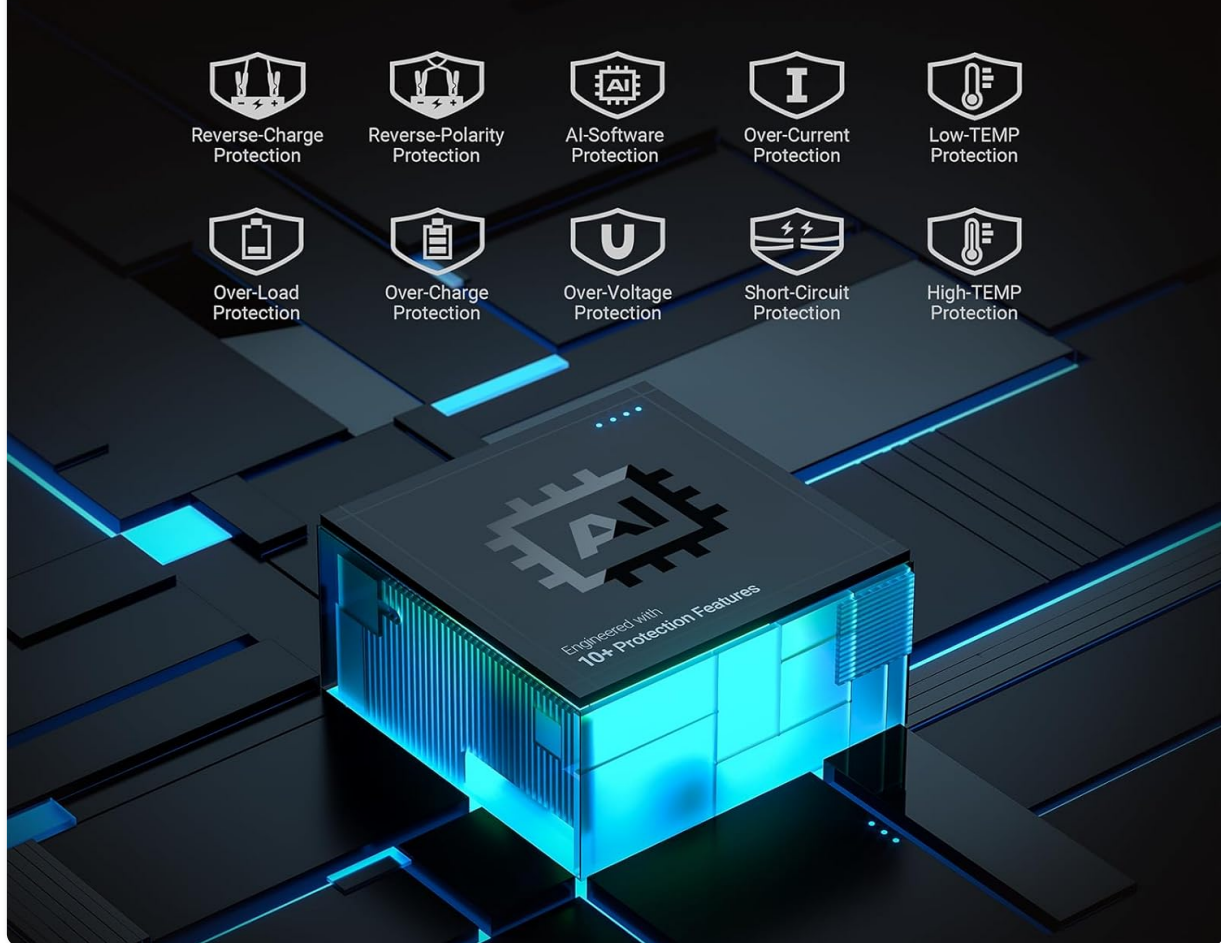Figure 3: The 3.3-inch smart display provides clear operational status.

Figure 4: The integrated 10-layer safety protection system.

SETUP

Initial Charging

Before first use, fully charge your Hulkman Alpha85. Connect the provided USB-C cable to the device and a compatible USB-C charger (not included in Space Gray version). The smart display will show the charging progress. A full charge takes approximately 90 minutes.

Figure 5: The Hulkman Alpha85 charging via USB-C.

OPERATING INSTRUCTIONS

Jump Starting a Vehicle

1. Plug the jumper cable into the booster.
2. Attach the clamps to the car battery: Red clamp to positive (+), Black clamp to negative (-).
3. The screen will display 'READY'.
4. Start your car engine.

Start More Than Just Cars
Lawnmowers, Pickups, Motorcycles, Trucks, Boats, ATVs & more.

Figure 6: Simple 3-step process for jump starting.

Force Start Function (for completely dead batteries)

1. Connect the clamps to the car battery as described above.
2. Press and hold both the Power and LED buttons simultaneously for 2-3 seconds to activate forced output.
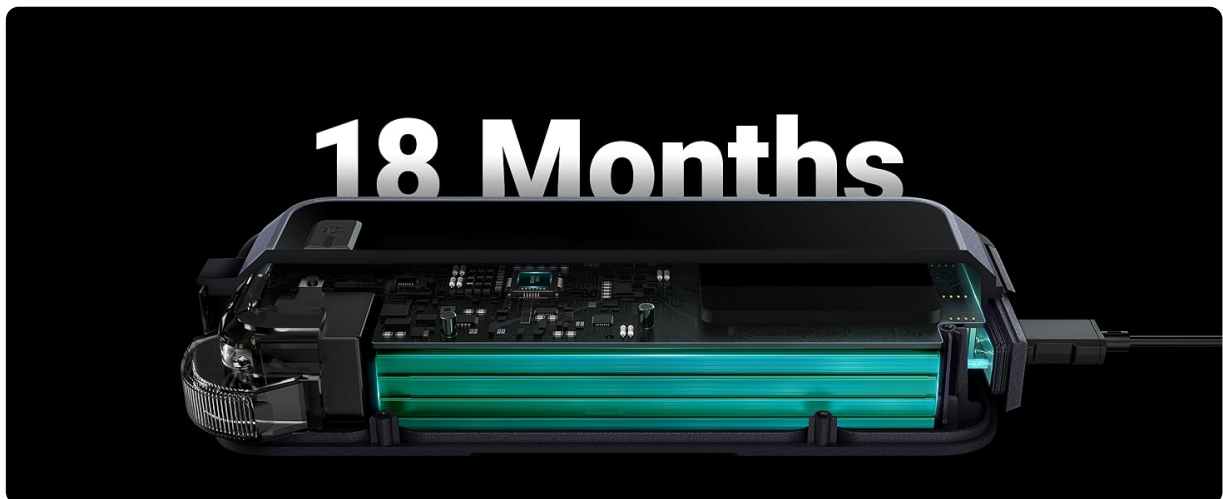3. The screen will display 'READY'.
4. Start your car engine.

Figure 7: Using the Force Start function for dead batteries.

Using as a Power Bank

The Alpha85 offers multiple charging options for your devices:

- **USB-A QC3.0 & USB-C PD18W:** Connect your smartphones, tablets, laptops, and other USB-powered devices using appropriate cables.
- **15V 10A DC Output:** Use the DC 12V Cigarette Lighter Socket Adapter to power 12V accessories like tire pumps or car refrigerators.

Figure 8: Charging 12V gadgets with the Alpha85.

Figure 9: Portable energy on-the-go for various devices.

LED Flashlight Functions

The built-in LED flashlight has five modes:

1. 100% Brightness
2. 50% Brightness
3. SOS Mode
4. Blink Mode
5. Strobe Mode

Figure 10: The 5-mode LED flashlight for various situations.

MAINTENANCE

Recharging the Device

For optimal performance and longevity, recharge your Alpha85 after each use. It can hold a charge for up to 18 months, but regular recharging is recommended, especially if stored for long periods.

About Hulkman

Hulkman was founded to redefine the automotive & energy industry with bold innovation. We create user-friendly, cutting-edge solutions that make driving easier and more enjoyable.

Designed with consumers in mind, our products ensure every journey is smooth, efficient, and reliable. Committed to excellence, we're shaping the future of mobilit —making life more convenient for all.

With a focus on sustainability and performance, Hulkman is dedicated to providing high-quality, environmentally conscious products that empower drivers everywhere.

Figure 11: The Alpha85 can retain its charge for up to 18 months.

Storage and Care

Store the device in a cool, dry place away from direct sunlight and extreme temperatures. Ensure the port covers are securely closed to maintain its IP65 water and dust resistance. Clean the device with a soft, dry cloth.

Works from -4°F to 113°F
IP65 Waterproof

*IP65 Waterproof Rating when Ports are Closed

Figure 12: The IP65 rating ensures durability in various environments.

TROUBLESHOOTING

Common Issues and Solutions

Problem	Solution
Jump clamps connected incorrectly	Reverse them to ensure correct connection.
Car battery is weak or nearly dead	Activate the Force Start Function by pressing both the Power and LED buttons simultaneously for 2-3 seconds.
Jump starter is inoperable due to extreme temperatures	Wait for the jump starter to return to its optimal operating temperature range of 5°F to 113°F (-20°C to 45°C).
Jump starter is locked after frequent short-term use	It will automatically unlock after 10 minutes.

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Video 1: Overview of the HULKMAN Alpha 85 Jump Starter by the seller, demonstrating its features and usage.

SPECIFICATIONS

- **Brand:** Hulkman
- **Model:** Alpha 85
- **Product Dimensions:** 9.06"D x 4.06"W x 1.82"H
- **Item Weight:** 4.5 Pounds
- **Amperage:** 2000 Amps
- **Peak Output Current:** 2000 Amps
- **Cable Length:** 27.5 Inches
- **Batteries:** 1 Lithium Metal batteries required (included)
- **Bulb Type:** LED
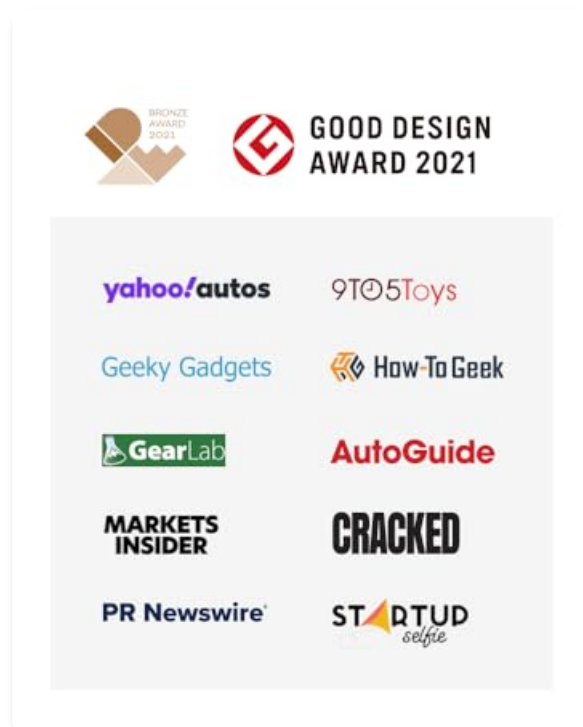- **Country of Origin:** China

Figure 13: Dimensions and weight of the Hulkman Alpha85.

WARRANTY & SUPPORT

The Hulkman Alpha85 comes with a 2-Year guarantee for added peace of mind. For any support needs or troubleshooting beyond this manual, please contact the dedicated customer support team. Designed in the USA, our product is backed by a team ready to assist you.
You can also refer to the official User Manual (PDF) or User Guide (PDF) available online for more detailed information.