

## Hulkman Alpha85, Sigma 5

# Hulkman Alpha85 & Sigma 5 User Manual

Model: Alpha85 Jump Starter, Sigma 5 Battery Charger Maintainer

### INTRODUCTION

This manual provides essential information for the safe and effective operation of your Hulkman Alpha85 Smart Portable Jump Starter and Sigma 5 Smart Car Battery Trickle Charger Maintainer. Please read this manual thoroughly before use and retain it for future reference. Understanding the features and proper usage will ensure optimal performance and longevity of your devices.

### IMPORTANT SAFETY INFORMATION

Always follow these safety precautions to prevent injury or damage to the devices or your vehicle:

- Do not short-circuit the jump starter clamps by allowing them to touch each other.
- Do not expose the devices to extreme temperatures, direct sunlight for prolonged periods, or moisture. Store in a cool, dry place.
- Keep out of reach of children and pets.
- Ensure proper ventilation when charging or operating the devices.
- Wear eye protection and gloves when working with batteries.
- Refer to your vehicle's owner's manual for specific jump-starting procedures and battery safety guidelines.
- Do not attempt to jump start a frozen battery.

### PACKAGE CONTENTS

Please verify that all items are present in your package:

- Hulkman Alpha85 Jump Starter

- Hulkman Sigma 5 Battery Charger Maintainer
- EVA Protection Case
- Heavy-Duty Jump Starter Clamps
- Wall Charger (for Alpha85)
- User Manual (this document)



Image: Contents of the Hulkman Alpha85 and Sigma 5 package, including the jump starter, battery charger, and protective EVA case, showing how they fit together.

## PRODUCT OVERVIEW

### Hulkman Alpha85 Jump Starter

The Alpha85 is a powerful portable jump starter designed to safely and efficiently start vehicles with up to 8.5L Gas or 6.0L Diesel engines. It features a user-friendly 3.3-inch smart screen that provides real-time information on operational status, battery level, and potential errors, making the jump-starting process straightforward.



Image: The Hulkman Alpha85 jump starter displaying its readiness to start a vehicle, highlighting its capability for various engine types and its clear digital interface.

### Hulkman Sigma 5 Battery Charger Maintainer

The Sigma 5 is a versatile 5A battery charger, maintainer, desulfator, and trickle charger. It is ideal for batteries ranging from 15Ah to 120Ah. Its large 3.2-inch LED screen provides a clear display of the battery level, voltage, and current charging mode, eliminating guesswork and ensuring optimal battery care.

# More Clearer, More Focused

## 3.2-Inch Bright Display



Convenient clip storage under bracket.

Image: The Hulkman Sigma 5 battery charger's digital display, providing detailed information on battery status and charging modes for different battery chemistries.

## SETUP

### Initial Charge

Before first use, it is recommended to fully charge both the Alpha85 jump starter and the Sigma 5 battery charger to ensure maximum performance.

### Charging the Alpha85 Jump Starter

1. Connect the provided wall charger to the Alpha85's charging port.
2. Plug the wall charger into a standard AC outlet.
3. The Alpha85's display will show the charging progress. Charge until 100% is indicated for optimal readiness.



# Fully Recharged in an Hour



Image: The charging port of the Alpha85 jump starter, illustrating how to connect the charging cable for a full recharge, with the display showing charging status.

## Charging with Sigma 5 Battery Charger Maintainer

1. Connect the Sigma 5's red clamp to the positive (+) terminal of the battery you wish to charge.
2. Connect the Sigma 5's black clamp to the negative (-) terminal of the battery.
3. Plug the Sigma 5 into a standard AC outlet.
4. The Sigma 5's display will show the charging status and automatically select the appropriate charging mode.

# Great Car, Premium Charger

5A Power | Fast Charging for Your Car

Charge 50Ah 12V  
to 80% in ~11 hrs.

10.5ft cable  
for easy reach.

Includes  
full accessory kit.

Wall bracket  
for tidy storage.



Image: The Sigma 5 battery charger connected to a vehicle battery, demonstrating its 5A fast charging capability and clear display.

## OPERATING INSTRUCTIONS

### Using the Alpha85 Jump Starter

Follow these steps carefully to jump start a vehicle:

1. Ensure the Alpha85 is sufficiently charged (at least 50% indicated on the display).
2. Connect the red clamp to the positive (+) terminal of the vehicle's battery.
3. Connect the black clamp to the negative (-) terminal of the vehicle's battery.
4. Ensure both clamps are securely attached to the battery terminals. The Alpha85 display should show "READY".
5. Start the vehicle's engine.
6. Once the engine starts, disconnect the black clamp first, then the red clamp from the battery.

**Caution: Do not touch the red and black clamps together. Always connect the clamps to the correct battery terminals.**

# Safety Beyond Premium Clamps



Image: The premium, heavy-duty clamps of the Alpha85 jump starter, designed for secure and safe connection to battery terminals.

## Using the Sigma 5 Battery Charger Maintainer

The Sigma 5 automatically detects the battery type and condition, simplifying the charging process.

1. Connect the red clamp to the positive (+) terminal of the battery.
2. Connect the black clamp to the negative (-) terminal of the battery.
3. Plug the Sigma 5 into a standard power outlet.
4. The Sigma 5 will automatically begin charging or maintaining the battery. The display will show the current voltage and charging mode.
5. Disconnect the charger when charging is complete or when you no longer require maintenance.

## MAINTENANCE

Proper maintenance ensures the longevity and reliability of your Hulkman devices:

- Store the Alpha85 and Sigma 5 in the provided EVA protection case when not in use to prevent damage from impacts or dust.
- Keep the devices clean and dry. Wipe with a soft, damp cloth. Do not use harsh chemicals or abrasive cleaners.
- Recharge the Alpha85 every 3-6 months, even if not used, to maintain its internal battery health and readiness.
- Inspect the clamps and cables for any signs of damage, fraying, or corrosion before each use. Replace if necessary.





Image: The durable EVA protection case, ideal for storing and transporting your Hulkman devices, offering robust protection.

## TROUBLESHOOTING

If you encounter issues, refer to the table below for common problems and solutions:

Problem	Possible Cause	Solution
Alpha85 not turning on	Low internal battery charge	Recharge the Alpha85 fully using the provided wall charger.
Vehicle not starting with Alpha85	Incorrect clamp connection; vehicle battery too deeply discharged; vehicle issue beyond battery	Ensure clamps are securely connected to the correct terminals. Wait a few minutes and try again. If still no start, consult a mechanic.
Sigma 5 not charging	Incorrect battery connection; power outlet issue; battery fault	Verify clamps are connected correctly. Check if the power outlet is functional. Have the vehicle battery tested by a professional.
Display shows error code	Specific operational issue (e.g., reverse polarity, over-temperature)	Refer to the Alpha85/Sigma 5 specific error code guide (if available in separate documentation) or contact customer support. Ensure connections are correct and device is within operating temperature.

# Engineered with 10+ Protection Features

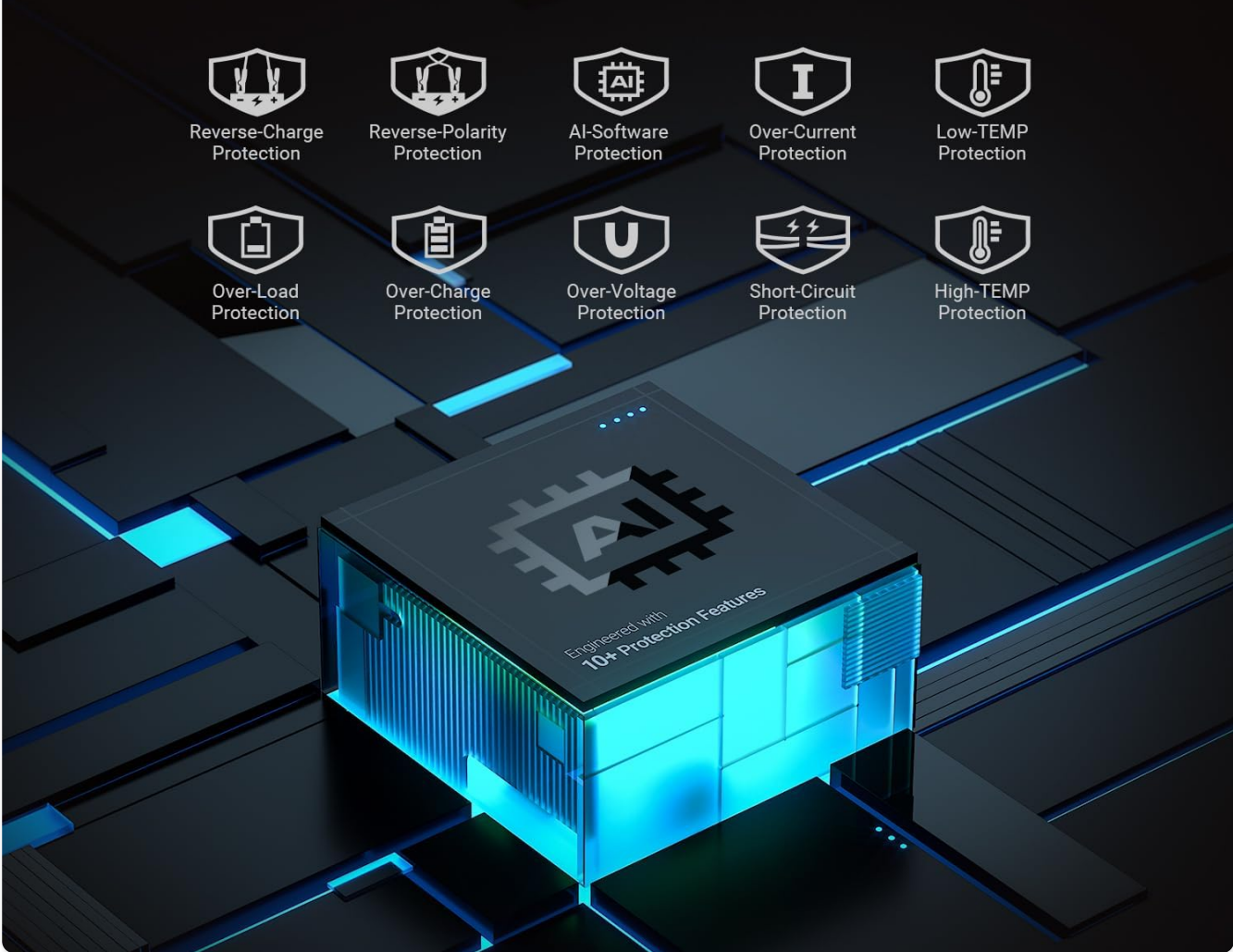


Image: An overview of the 10+ built-in protection features, ensuring safe operation and preventing common issues like reverse polarity, over-current, and over-temperature.

## SPECIFICATIONS

Key technical specifications for the Hulkman Alpha85 and Sigma 5:

Feature	Alpha85 Jump Starter	Sigma 5 Charger Maintainer
Peak Current	2000 Amps	N/A
Engine Compatibility	Up to 8.5L Gas / 6.0L Diesel	N/A
Charging Current	N/A	5 Amps

Feature	Alpha85 Jump Starter	Sigma 5 Charger Maintainer
Display Type	3.3-inch Smart Screen	3.2-inch LED Screen
Battery Capacity Range (for charging)	N/A	15Ah to 120Ah
Protection Features	10+ (Reverse-Charge, Over-Current, Low-Temp, etc.)	10+ (Reverse-Charge, Over-Current, Low-Temp, etc.)

## WARRANTY AND SUPPORT

Hulkman products typically come with a manufacturer's warranty. For specific warranty details, product registration, and to access the full terms and conditions, please visit the official Hulkman website. For technical support, troubleshooting assistance, or service inquiries, please contact Hulkman customer service. You can often find contact information and support resources on their official website or through their official store on Amazon:

[Hulkman Official Store on Amazon](#)

Please have your product model number (Alpha85, Sigma 5) and purchase information ready when contacting support.