

ALPHA 85 / ALPHA 85S

USER MANUALDUCT EN

WELCOME

Thank you for ordering the HULKMAN Alpha 85 / Alpha 85S. Please read and understand the introduction of manual carefully before using the jump starter. For any questions about the purchase and use of the jump starter, visit our official website www.hulkman.com.

WARNING

This product is for 12-Voltage vehicle (equipment) batteries. It may be dangerous if used with other types of batteries. Read and understand the safety information before using the jump starter. Failure to follow the safety information may cause damage to the jump starter, and may also result in electric shock, explosions, fire, property damage, and personal injury.

CONTACTING HULKMAN

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IN THE BOX



HULKMAN
Alpha 85 / Alpha 85S



12V Ergonomic Needle-
Nose Battery Clamps



DC 12V
Cigarette Lighter
Socket Adapter



SC 65W Wall
Charger (IN)



Type-C USB
Cable (OUT)



User Manual
Warranty Card

ABOUT HULKMAN

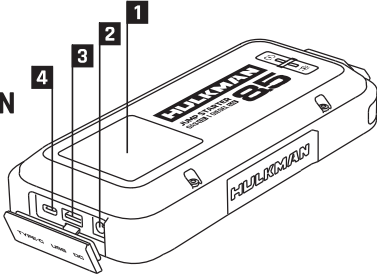
HULKMAN was created by product-driven entrepreneurs with the purpose of redefining the car accessories industry. We believe that investing in R&D and product design can make every user experience better. We also believe technology should be easily accessible to everyone, which is why we strive to ensure our product line is affordable.

We are a group of seasoned professionals that worked at top-tier technology companies across all business sectors, and we all share a deep passion for the car industry. Using our rich experience and product knowledge, we aim to showcase the world's smartest and most innovative HULKMAN product.

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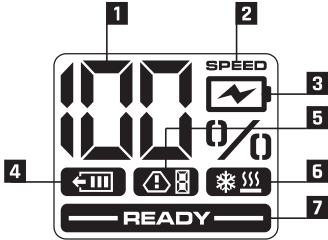
PRODUCT PARTS AND FUNCTIONS DESCRIPTION

1. Display Screen
2. 12V DC Output Port (OUT, MAX150W)
3. USB Output Port (OUT)
4. Type-C Input / Output Port (IN / OUT)



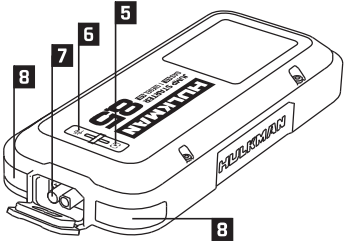
DISPLAY SCREEN DESCRIPTION

1. Battery Power Percentage (Charge / Standby, Discharge)
2. SC 65W Fast Charging
3. Charging
4. Discharging
5. Error Icon
6. Pre-Heating (Alpha 85H Unique Function)
7. Ready To Start



PRODUCT PARTS AND FUNCTIONS DESCRIPTION

5. **Power Button:** Press for 1-2s to power on the jump starter.
6. **LED Button:** Long press for 1-2s to power on the LED. Short press to switch the LED mode.
7. 12V Battery Clamps Output
8. LED



TYPE-C IN	12V BATTERY CLAMPS OUTPUT	USB / TYPE-C OUT	12V DC OUT

JUMP STARTING THE CAR



1 Insert the jumper cable into the booster and connect the clamps to the car battery.






2 The screen displays 'Ready'.



3 Start the car engine.

ERROR MESSAGE / SPECIFIC OPERATION METHOD

ERROR CODE	PROBLEM	SOLUTION
 1	"+" and "-" poles of battery clips reversed	Swap battery clip
 2	Car (equipment) battery dead	Press power and LED button simultaneously for 2-3s to start forced output, and start car (equipment)
 3	Jump starter does not work when environment temp too low / high	Restore temp of jump starter to 0° to 45°C

If the problem persists, stop using the jump starter and contact the seller from where the product was purchased.

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SPEED CHARGING THE ALPHA 85 / ALPHA 85S

This product utilizes SC 65W's patented speed charging technology. Within 5 minutes of charging, it can start a car with 6.5L or less of gasoline. When the product is fully charged, it can start a car with up to 8.5L of gasoline.

PRE-HEATING TECHNOLOGY

The product can be used at -40°C. The jump starter reaches starting temperature within 100 seconds. Without any operation, the jump starter will automatically turn on intelligent temperature control function according to the environment.

SPECIFICATIONS

Applicable Equipment: 12V equipment battery

Maximum Peak Current: 2000A

Battery Capacity: 20000mAh

Type-C In: SC1.0 65W / PD18W (5V=3A / 9V=2A / 12V=1.5A) / 5V=1A / 5V=2A

Type-C Out: PD18W (5V=3A / 9V=2A / 12V=1.5A) / 5V=1A / 5V=2A

USB Out: QC3.0 (5V=3A / 9V=2A / 12V=1.5A) / 5V=1A / 5V=2A

DC Out: Max 15V=10A

LED

THE LED HAS FIVE LIGHT MODES:

1. 50% Luminosity:

Press the LED button for 1-2 seconds.

2. 100% Luminosity:

Press the LED button again.

3. White Strobe Light:

Press the LED button again.

4. White SOS Light:

Press the LED button again.

5. Red Strobe Light:

Press the LED button again.

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TOXIC AND HAZARDOUS SUBSTANCES OR ELEMENTS IN PRODUCTS

PRODUCT NAME	HAZARDOUS CHEMICALS					
	Lead (Pb)	Mercury (Hg)	Cadmium (Cd)	Hexavalent Chromium (Cr (VI))	Polybrominated Biphenyls (PBB)	Polybrominated Diphenyl Ethers (PBDE)
MULTIFUNCTIONAL VEHICLE EMERGENCY JUMP STARTER	○	○	○	○	○	○

○: Indicates that the content of the hazardous substance in all homogeneous materials of the part is below the limit requirements specified in the 2002 / 95 / EC (RoHS) standard.

FREQUENTLY ASKED QUESTIONS

1 Q: How to power off the device ?

A: The device has an intelligent detection function. Once there is no load or the device is fully charged, it will automatically sleep to save power to avoid loss.

2 Q: How long does it take to charge the Alpha 85 / Alpha 85S ?

A: It takes approximately one hour to fully charge using the SC 65W wall charger.

3 Q: How long is the service life of the Alpha 85 / Alpha 85S ?

A: The device has a service life of three to five years under normal use.

4 Q: How long can the Alpha 85 / Alpha 85S be stored when fully charged ?

A: The Alpha 85 / Alpha 85S has a sophisticated circuit design. It can be stored for 6-12 months when fully charged and not in use. However, it is recommended to charge it every 3 months in order to extend the service life.

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WARNING

1. Read the user manual carefully before using this device.
2. Do not use this device as a car battery.
3. Do not use this device as a toy.
4. Pay attention when using this device near children to reduce the risk of injury.
5. The product is for 12V batteries only. It may be dangerous if it is used for batteries of other voltages.
6. Use the clamps delivered with the device. When the clamps or wires are damaged, stop using them immediately to avoid personal injuries such as fire or electric shock.
7. Do not allow positive and negative clamps to touch or connect to each other.
8. Ensure that there is no rust or foreign matter attached to the interface before start. Connect the device and clamps tightly to avoid affecting the starting performance of the product due to interface connection problems.
9. Remove the clamps from the car battery within 30 seconds after successfully starting the car. Otherwise, it may cause damage.
10. Do not start more than three times in a row. Otherwise, it will cause the product to overheat and damage the product. When you start multiple times, you should start two minutes apart.
11. Do not use clamps to power other devices.
12. Do not place the device in an environment where the temperature exceeds 60° C.
13. Charge the device at room temperature from 0° to 45° C.
14. Do not submerge in water or rain.
15. Do not put the device in extreme heat or fire.
16. Do not operate the device in an explosive environment, such as in the presence of flammable liquid, flammable gas, or dust.
17. Make sure that when using the device, someone is within a sufficient range that can hear you or within a sufficient distance to help you.
18. Before using the product, remove worn metal jewelry such as rings, bracelets, and necklaces.
19. Disconnect the jump starter and the clamp at the battery clamp plug to reduce the risk of damage to the power plug and power cord.
20. Do not use damaged or modified battery packs to avoid unpredictable consequences, leading to risks of fire, explosion, and injury.
21. Use the original charger or the same charger as the jump starter input terminal for charging.
22. Do not charge this device immediately after starting the car.
23. Do not start the car while charging the device.
24. The battery may leak in extreme cases. Do not directly touch the leaked liquid with your hands or skin. Rinse immediately with soap and water in case of contact. If the leaked liquid comes into contact with your eyes, rinse your eyes with cold water for at least 10 minutes and seek medical attention immediately.
25. Lithium battery products are handled according to local regulations at the end of product life.