

AstroAI S8 Ultra

AstroAI S8 Ultra 4000A Jump Starter User Manual

Model: S8 Ultra | Brand: AstroAI

INTRODUCTION

The AstroAI S8 Ultra 4000A Jump Starter is a powerful and versatile device designed to provide reliable jump-starting capabilities for a wide range of vehicles, including all gas and up to 12L diesel engines. Beyond its primary function, it also serves as a portable power bank and features an integrated LED flashlight. This manual provides essential information for the safe and effective use, maintenance, and troubleshooting of your jump starter.

SAFETY INFORMATION

Your safety is paramount. Please read and understand all safety warnings and instructions before using the AstroAI S8 Ultra Jump Starter. Failure to follow these instructions may result in electric shock, fire, or serious injury.

- **Charge Before First Use:** Fully charge the product before its initial use to ensure optimal performance and battery longevity.
- **Comprehensive Safeties:** The S8 Ultra is equipped with 10 comprehensive safety features, including protection against reverse polarity, overcurrent, reverse connection, overvoltage, overcharge, overdischarge, overload, short circuit, low/high-temperature, and spark-resistance.
- **Environmental Protection:** The unit is designed to be waterproof (IP65), dust-proof, and drop-proof, offering enhanced durability in various conditions.
- **Proper Connection:** Always ensure correct polarity when connecting the jumper cables to the vehicle battery. Incorrect connection can cause damage to the jump starter or the vehicle.
- **Ventilation:** Use the jump starter in a well-ventilated area.
- **Children and Pets:** Keep the device out of reach of children and pets.

10 COMPREHENSIVE SAFETIES

*US Invention Patent: 15245146



Reverse Polarity



Over Current



Over Charge



Over Discharge



High Temperature Protection



Reverse Connection



Over Voltage



Overload



Short Circuit



Spark Proof Protection

Image: The AstroAI S8 Ultra features a shield icon with various safety icons, including reverse polarity, overcurrent, overcharge, overdischarge, high temperature protection, reverse connection, overvoltage, overload, short circuit, and spark-proof protection.

PRODUCT OVERVIEW

The AstroAI S8 Ultra Jump Starter comes with the following components:

- AstroAI S8 Ultra Jump Starter Unit
- Smart Jumper Cables
- Storage Bag

- USB-C Charging Cable (Wall charger not included)
- 12V DC Output Adapter



Image: The AstroAI S8 Ultra Jump Starter unit is shown with its smart jumper cables, a USB-C charging cable, and a 12V DC output adapter.

SETUP

Before using your AstroAI S8 Ultra Jump Starter for the first time, it is crucial to fully charge the unit. This ensures the device is ready to deliver its maximum performance when needed.

Initial Charging

1. Connect the provided USB-C charging cable to the Type-C input/output port on the jump starter.
2. Connect the other end of the USB-C cable to a compatible USB wall adapter (not included) or a powered USB port.
3. The battery indicator lights on the jump starter will illuminate to show the charging progress. Ensure the unit is fully charged before proceeding.

RAPID CHARGING

Note: Wall charger is not included. Fully charged in 4.5 hours.
Recharge it with a USB-C cable



*wall charger is not included

Image: The AstroAI S8 Ultra Jump Starter is shown connected to a wall outlet via a USB-C cable for recharging.

OPERATING INSTRUCTIONS

Jump Starting a Vehicle

The S8 Ultra is designed for easy and safe jump starting, even for fully drained batteries.

1. Ensure the jump starter unit has sufficient charge (ideally above 75%).
2. Connect the smart jumper cables to the jump starter unit's dedicated port.
3. Connect the red clamp (+) to the positive terminal of the vehicle's battery.
4. Connect the black clamp (-) to the negative terminal of the vehicle's battery.

5. The smart jumper cables have intuitive indicators. For batteries at 9-12V, the unit will automatically jumpstart. If the battery is below 9V (fully drained), the S8 Ultra will prompt you to press the 'Boost' button on the smart cable unit.
6. Once the indicators confirm a safe connection, start your vehicle.
7. After the vehicle starts, immediately disconnect the jumper cables from the vehicle battery, then from the jump starter unit.

24000 MAH ULTRA-POWERFUL JUMP STARTER

Instantly Boost Fully Drained Car Batteries



12
Volts

4000
Amps

LITHIUM
Powered

ALL
Gas

12L
Diesel

Image: The AstroAI S8 Ultra Jump Starter is shown connected to a car battery under the hood, ready for jump starting.

Using as a Power Bank

The S8 Ultra can charge various electronic devices and power DC car accessories.

- **USB-A Ports:** Use the 5V/2.4A USB-A port or the 5V/9V/12V Quick Charge USB-A port to charge phones, tablets, and other USB-powered devices.
- **Type-C Port:** The Type-C port (5V/3A, 9V/2A, 12V/1.5A) can be used for both input (charging the jump starter) and output (charging devices).
- **15V DC Port:** Connect the 12V DC output adapter to the 15V DC port to power car accessories like vacuum cleaners or tire inflators.



Image: A detailed view of the AstroAI S8 Ultra Jump Starter's side, highlighting the Type-C, USB-A, Quick Charge USB-A, and DC ports.

Using the LED Flashlight

The integrated LED flashlight offers three modes for various situations:

1. Press and hold the power button on the unit to turn on the flashlight.
2. Press the power button again to cycle through the modes: Solid On, Strobe, and SOS.
3. Press and hold the power button to turn off the flashlight.

MAINTENANCE

To ensure the longevity and optimal performance of your AstroAI S8 Ultra Jump Starter, follow these maintenance guidelines:

- **Regular Charging:** Recharge the unit every 3-6 months, even if not in use, to maintain battery health.
- **Storage:** Store the jump starter in a cool, dry place, away from direct sunlight and extreme temperatures. Use the provided storage bag to protect it from dust and damage.
- **Cleaning:** Wipe the unit with a soft, damp cloth. Do not use harsh chemicals or abrasive cleaners.
- **Inspection:** Periodically inspect the unit and cables for any signs of damage or wear.

TROUBLESHOOTING

If you encounter issues with your AstroAI S8 Ultra Jump Starter, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
Unit does not turn on	Battery is completely drained	Charge the jump starter fully.
Vehicle does not jump start	Incorrect cable connection	Ensure clamps are connected to the correct battery terminals (+ to +, - to -).
	Jump starter battery too low	Recharge the jump starter to at least 75% capacity.
	Vehicle battery is severely damaged	Consult a professional mechanic.
Flashlight not working	Not activated correctly	Press and hold the power button to activate. Cycle modes with short presses.

SPECIFICATIONS

- **Model:** S8 Ultra
- **Brand:** AstroAI
- **Peak Current:** 4000 Amps
- **Jumpstart Current:** 800 Amps
- **Battery Capacity:** 24000mAh
- **DC Output:** 15V/10A

- **USB-A Output:** 5V/2.4A
 - **USB-A Quick Charge Output:** 5V/3A, 9V/2A, 12V/1.5A
 - **USB-C Input/Output:** 5V/3A, 9V/2A, 12V/1.5A
 - **Waterproof Rating:** IP65
 - **Product Dimensions:** 5.24"D x 10.31"W x 4.29"H
 - **Item Weight:** 2.13 Pounds
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WARRANTY AND SUPPORT

For warranty information or technical support, please refer to the official AstroAI website or contact their customer service directly. Keep your purchase receipt for warranty claims.

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