

MULTIFUNCTIONAL JUMP STARTER

USER MANUAL

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INTRODUCTION

Thank you for purchasing the AstroAI Multifunctional Jump Starter.

This jump starter uses the ultra-powerful discharge technology of a lithium battery to help users jumpstart car batteries that are fully depleted or in a low-temperature environment. It also functions as a power bank and emergency flashlight; it is a must-have tool for the outdoors.

We hope this jump starter protects you on your journeys. AstroAI strives to build tools that help you enjoy all of life's adventures.

Questions or concerns? You are welcome to contact us via support@astroai.com.



Please fully read and understand this manual before using this product and keep this manual for future reference.

WARNING

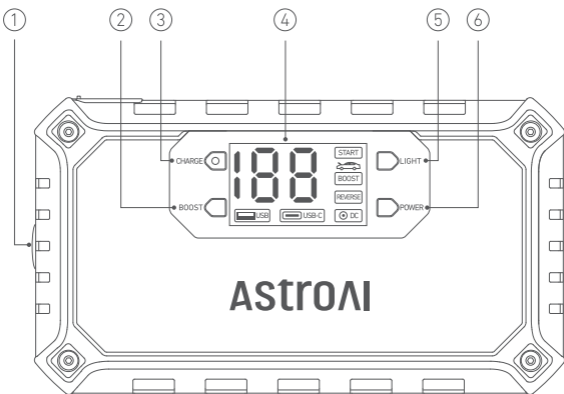
- This product is not a toy. Incorrect usage may cause injuries and accidents.
- Keep out of reach of children.
- This product cannot be used as a car battery.
- Do not connect the red clamp to the black clamp.
- Do not use the jump starter to start your car while the jump starter is charging.
- Do not place the product in a hot environment or direct flames.
- Please do not soak the product in water or expose it to rain.
- Do not modify or disassemble the product. Product repair work requires professional technicians.
- Do not drop or toss the product. If the product is hit or damaged, it needs to be tested by a qualified battery technician.
- Keep the product away from flammable liquids and gases, dust, and corrosive liquids.
- Compatible with 12 V vehicles only. Inappropriate usage may cause accidents or injuries. Please do not use it on non-12 V appliances, such as airplanes and 24 V vehicles/boats.
- Ensure the jump starter's battery level exceeds 60% before you start your car.
- Take off any metal accessories, such as rings, bracelets and necklaces before operating the product.
- Use the included jumper clamps only. Do not use the jumper clamps if the clamps or cables are damaged.

- Ensure the connectors are clean and the jumper clamps are undamaged before starting your car. Jumping performance may weaken if the battery socket is dirty.
- Ensure the blue plug is inserted into the socket entirely, or it may burn.
- Do not jumpstart your car continuously; doing so may cause the jump starter to overheat and damage the product. Allow a 30-second interval between continuous operations to avoid overheating the product.
- Remove the product from the vehicle battery within 30 seconds of jumpstarting your car. Failure to do so may cause damage.
- Do not store or use the product in temperatures exceeding 158 °F (70 °C).
- Recycle the product immediately if liquids begin leaking from it.
- The battery may leak under extreme conditions. Do not touch the leaking liquid without protective gloves. If your skin contacts the liquid, use soap and water to wash it immediately. If your eyes contact the liquid, please use water to wash it for at least 10 minutes and immediately see a doctor.
- You may dispose of the lithium battery according to local guidelines when its service life has ended.

PACKAGE INCLUDES

Multifunctional Jump Starter	x 1	Cigarette Adapter	x 1
Jumper Clamps	x 1	Storage Bag	x 1
USB-A to USB-C Charging Cable	x 1	User Manual	x 1

DIAGRAM



① Compass

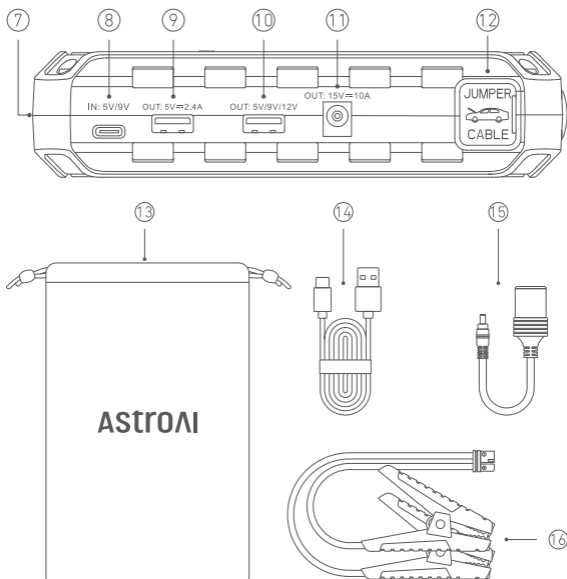
④ LED Screen

② Boost Button

⑤ Flashlight Button

③ Charge Indicator

⑥ Power Button



⑦ LED Flashlight

⑧ Charge Input Port

⑨ 5 V 2.4 A Output Port

⑩ Quick-Charge Output Port

⑪ 15 V 10 A Output Port

⑫ Jumpstart Socket

⑬ Storage Bag

⑭ USB-A to USB-C Charging Cable

⑮ Cigarette Lighter Adapter

⑯ Jumper Clamps

PREPARATION

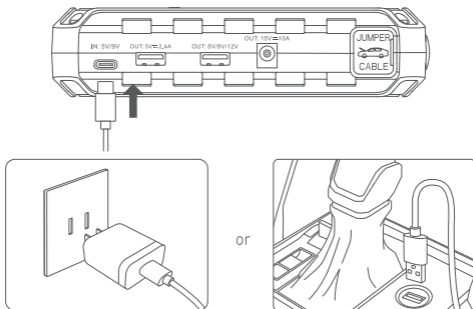
Fully charge the jump starter after receiving it.

I. Checking the battery level

The screen will display the battery level after being powered.

II. Charging the device

To charge the jump starter, connect the included charging cable's USB-C end into the device's charging port and the cable's USB-A end to the power source. The power source can be any USB source like 5 V wall chargers, 12 V car chargers, etc. (**Note:** charging block not included.)



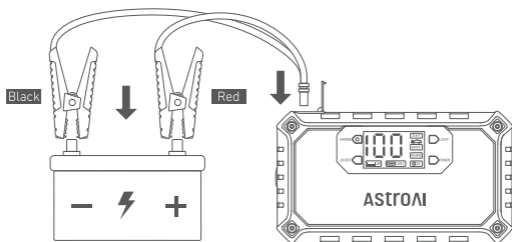
Note:

- The charge indicator will flash when the jump starter is charging.
- The USB-C symbol and the remaining battery level will display on the screen. The last digit of the battery level will flash.
- The charge indicator will start lighting after it has fully charged and the last digit of the battery level will stop flashing.

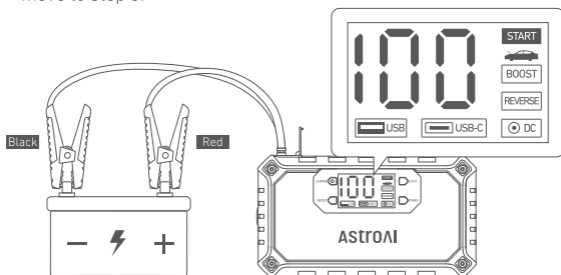
INSTRUCTIONS

I. Jumpstarting Function

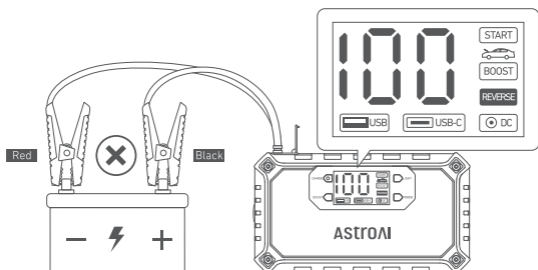
1. Make sure the smart battery clamps are fully inserted into the jump starter. Connect the red clamp to the battery's positive terminal (+) and the black clamp to the battery's negative terminal (-).



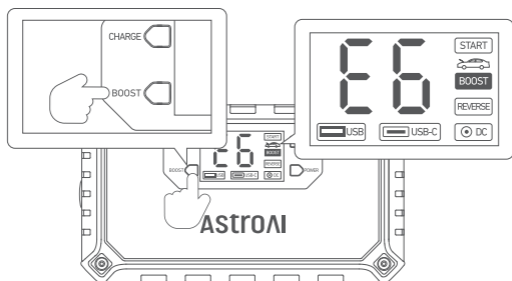
2. Operate the jump starter according to the on-screen information.
 - a. The START symbol will display on the screen: Correct connection, move to step 3.



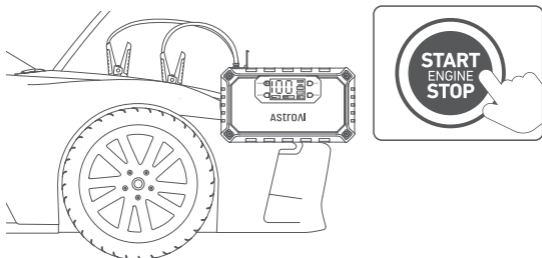
- b. The REVERSE symbol displays on the screen and the jump starter is beeping: Reversed connection, please fix the connection. When the START symbol appears on the screen, move to step 3.



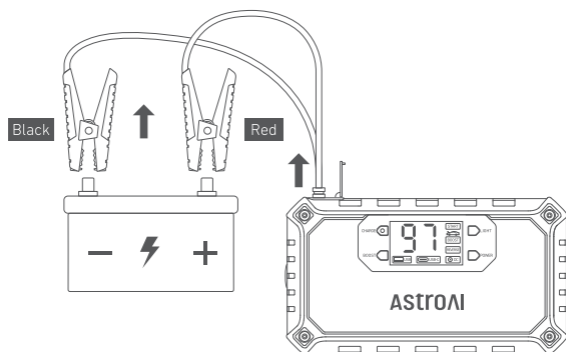
- c. The BOOST symbol will illuminate and "E6" will flash on the screen while the product emits an audible buzz: Low battery, please press and hold the BOOST Button for 2-3 seconds, the START symbol will display on the screen and a 30 seconds countdown will begin. Start your engine within 30 seconds.



3. Activate the vehicle's ignition to jumpstart it.



4. Remove the jumper cables after successfully starting the car.



Tip 1: Turn off any electrical devices in the vehicle before starting it.

Tip 2: If the vehicle does not start within 5 seconds of attempting ignition, stop and remove the clamps. Wait for 60 seconds and retry step 3.

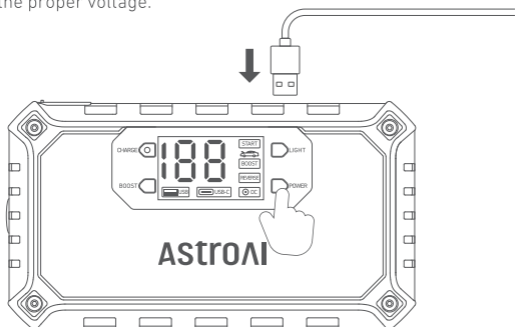
Tip 3: Ignite your engine within 30 s in Boost mode.

Tip 4: The automatic testing (eight smart protection functions) will be inactive when using the Boost function.

Tip 5: Ensure the jumper cables are connected correctly, and the battery level is above 20%.

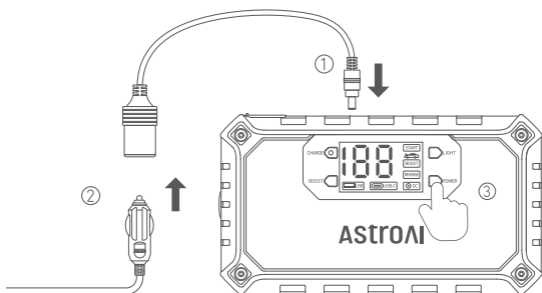
II. Power Bank Function

1. Insert the USB plug into the USB output port.
2. Connect the other end of the USB Charging cable to the device to be charged.
3. Press the Power Button to charge the devices. The jump starter will automatically detect the devices' specifications and charge them at the proper voltage.



III. 15 V DC Output Function

1. Connect the cigarette Lighter adapter to the DC Output Port of the product.
2. Connect the other end of the cigarette adapter to a portable car vacuum or similar DC product.
3. Press the Power Button to power the connected device. The product will automatically detect the devices' specifications and power them at the proper voltage.



IV. Illumination Function

- Press and hold the Power Button to turn on the product.
- Press the Flashlight Button to turn on the light when in power-on status.
- Press the Flashlight Button to switch between the flashlight modes: Illumination-Strobe-SOS-Red warning light-Turn off.

MAINTENANCE

- To maximize the battery's performance and service life, please charge the jump starter when its battery level is lower than 80%.
- Please fully charge the jump starter if it is about to be idle for a long time. And charge it every three months to extend its service life.

SPECIFICATIONS

Model	AHET118GY
Capacity	48.84 Wh
Jumpstart Current	500 A (1 s) 300 A (3 s)
Peak Current	2000 A
USB Input	Quick Charge (5 V=2 A 9 V=2 A)
USB Output	Quick Charge (5 V=3 A 9 V=2 A 12 V=1.5 A); 5 V=2.4 A
DC Output	15 V=10 A
Operation Temperature	-4 °F~122 °F; -20 °C~50 °C
Time to Fully Charge	Approximately 3.5 hours for 18 W; 5.5 hours for 10 W

This jump starter features four built-in 3.7 V lithium batteries in a series connection.

The battery pack capacity is 3300 mAh (14.8 V), equivalent to 13200 mAh (3.7 V).

TROUBLESHOOTING/FAQ

Q: If you fail to jumpstart the vehicle, please check the possible causes in order.

- Insufficient power level; you may need to charge the jump starter more. Please keep the battery level higher than 60% to ensure a successful jumpstart.
- Bad connection caused by rust or dirt on battery terminals; please clean the terminals and try again.
- The jump starter activated its overheating protection due to the battery overheating; please try again after it cools down.
- The battery clamps are connected to the incorrect terminals; please ensure the clamps are connected to the correct terminals.
- Poor connection between the smart jump starter clamps and battery; ensure the connection between the clamps and the battery is secure.
- The vehicle cannot start because of issues unrelated to battery power levels. Please use the appropriate equipment to check the battery or error code of the vehicle.
- Contact AstroAI for after-sales support.

Q: Failure to charge

- Check if the charging cable is connected correctly.
- Ensure the outlet is powered.
- The jump starter activated its overheating protection due to the battery overheating; please charge it after allowing it to cool down to room temperature.
- Contact AstroAI for after-sales support.

Q: Failure to power on

- Insufficient power level or the jump starter is charging.
- Contact AstroAI for after-sales support.

CODE ANALYSIS

E1

Error: The jumpstart protection activates after continuously jumpstarting the vehicle 4 times.

Solution: The device will deactivate the protection after 10 minutes, then it will display functionally.

E2

Error: Overheating battery, discharge temperature is abnormal.

Solution: Within the appropriate temperature range, it will display functionally.

E3

Error: Low battery temperature, failed to charge it.

Solution: Within the appropriate temperature range, it will display functionally.

E4

Error: Short-circuit occurs when using the USB to output.

Solution: Remove the load, it will display functionally.

E5

Error: Short-circuit occurs when using the DC port to output.

Solution: Remove the load, it will display functionally.

E6

Error: Low Vehicle Battery Voltage.

Solution: Activate BOOST Mode: Press and hold the BOOST Button for 2-3 seconds. The START symbol will display on the screen and a 30-second countdown will begin. Start your engine within the 30-second countdown.

RECYCLING

You may dispose of the product when its service life has ended, please recycle the recyclable parts according to local guidelines.

WARRANTY PERIOD

2-Year Limited Warranty from AstroAI.

Each AstroAI Multifunctional Jump Starter will be free from defects in material and craft. This warranty does not cover damage from neglect, misuse, contamination, alteration, accident, or abnormal conditions of operation or handling.

This warranty covers the original purchaser only and is not transferable.

