



# ASTROAI 1750A Jump Starter with Air Compressor User Manual

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# AstroAI

**ASTROAI 1750A Jump Starter with Air Compressor**



## FOREWORD

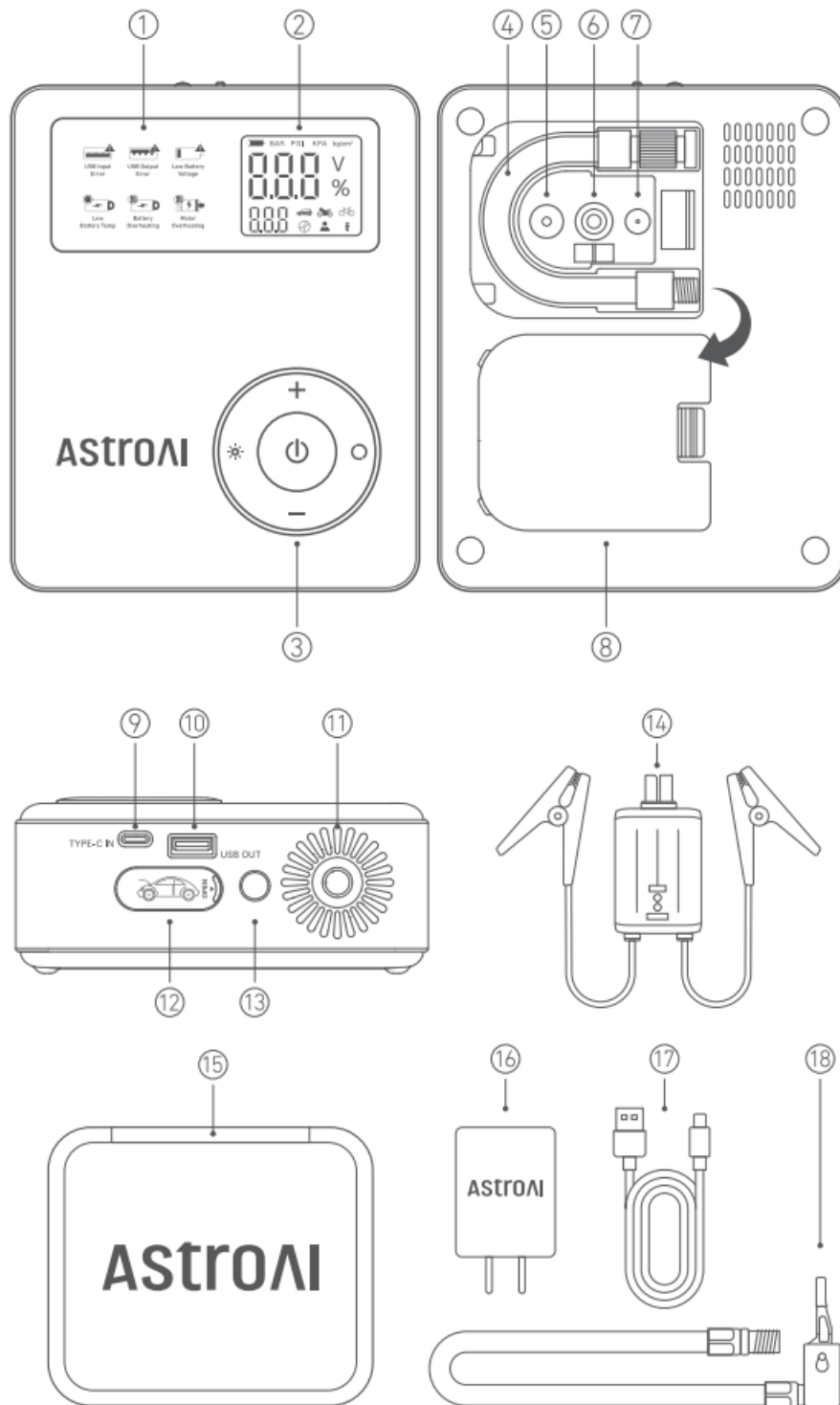
- Thank you for purchasing the AstroAI Multifunctional Jump Starter. This Jump Starter is designed to help you start your car in an emergency.
- This tool works as an emergency power bank, flashlight, air compressor, and can power other USB devices; it is a must-have tool for the outdoors.
- We hope you enjoy your new car jump starter!
- We hope our jump starter provides you with extra protection and utility, we work hard to provide customers with high-quality products and considerate service.
- Questions or Concerns? You are welcome to contact us with your questions via [support@astroai.com](mailto:support@astroai.com).

## WARNING

- Contains small accessories which are a choking hazard for young children.
- Keep out of reach of children.
- The inflation hose will heat up during use, be mindful of the heat.
- Do not over inflate the tire, high pressure may cause damage. Allow a 60-second interval between continuous operations to avoid overheating the product.
- Only use the included jumper clamps. Do not use the jumper clamps if the clamps or cables are damaged.
- Do not use the product in hot temperatures or high humidity.
- Store the product as instructed.
- Do not modify or disassemble the product.
- Keep the product away from flammable liquids and gases dust, and corrosive liquids.
- The jump-start function is only compatible with 12V vehicles.
- Ensure the blue plug is fully inserted into the socket, or it may burn.
- Ensure the starter's battery life exceeds 60% before jumpstarting your car.
- Do not drop/toss the product. If the product is hit or damaged, it needs to be tested by a qualified battery technician.
- You may dispose of the lithium battery according to local guidelines when its service life has ended ..

- Supervise the pump while it is inflating.
- Please check the preset value and unit before use.
- Do not aim the nozzle at people or any part of a human body.
- Extended use is not recommended!
- Please cool down the product for at least 10 minutes after 10 minutes of continuous use.

## DIAGRAM



1. Status display
2. Screen
3. Silica gel button

4. Inflation hose
5. Air nozzles
6. Presta to Schrader adapter
7. Needle valve adapter
8. Back cover
9. Type-C charging port
10. USB-A port
11. Pump port
12. 12V Jump start port
13. Flashlight
14. Smart jumper cables
15. Storage box
16. Charger
17. USB power cord
18. Extension hose

## SIZE DESCRIPTION

- **Imperial system:** 5×6.1 x2 inches
- **Metric system:** 126x156x52 mm

## FUNCTIONS

- **Main functions**
  - Jump starter
  - Tire inflater (monitor tire pressure)
  - Power bank
- **Secondary functions**
  - Flashligh
  - Inflates sports equipment
  - Air pump for small inflatables (swim rings, inflatable toys and more)

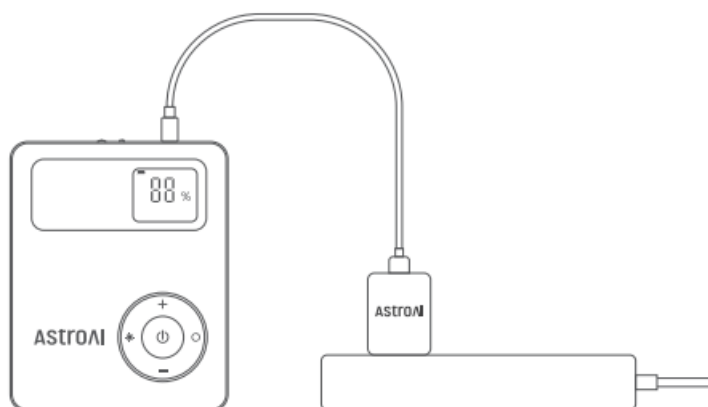
## FEATURES

- Dual screen display, clearly shows status, tire pressure, and error indicators.
- Delivers a peak current of 1750A to jump start, compatible with most vehicles.
- Jump starter + air compressor + tire pressure measurement, multifunctional and versatile.
- The smart jump starter clamp's built-in control chip auto-identifies the battery and instantly works.
- Inflates tires up to 150 PSI+high accuracy, ensuring a high safety factor
- Includes eight built-in safeties like reverse polarity protection, reverse charge protection, overcharge protection, reverse connection protection, short circuit protection, over-discharge protection, overcurrent protection, and overheat protection.

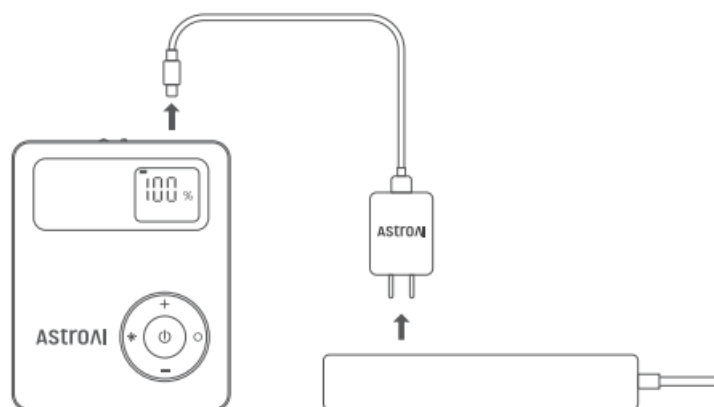
## INSTRUCTIONS

## Charging

1. Insert the charger into the socket, and connect the type-c cable to the product to charge.



2. Disconnect the charger and cable after the product is fully charged.

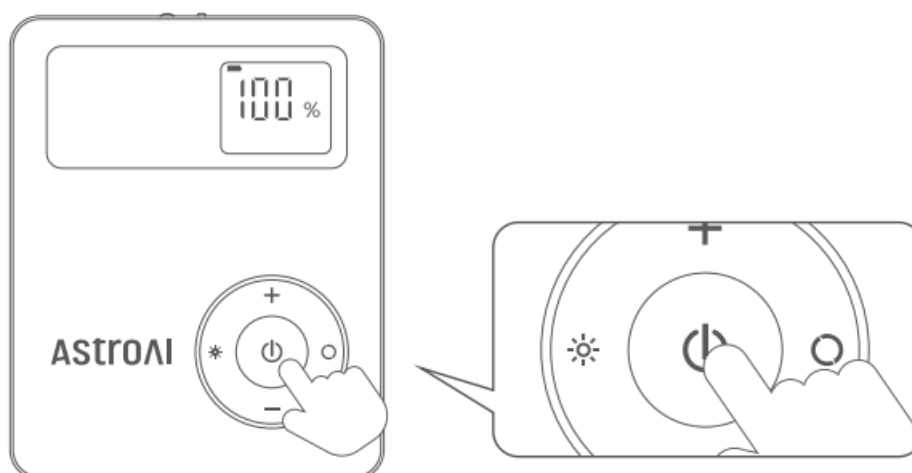


**Tip:** For the best charging performance, please use the included charger to charge the product.

## Checking the battery level

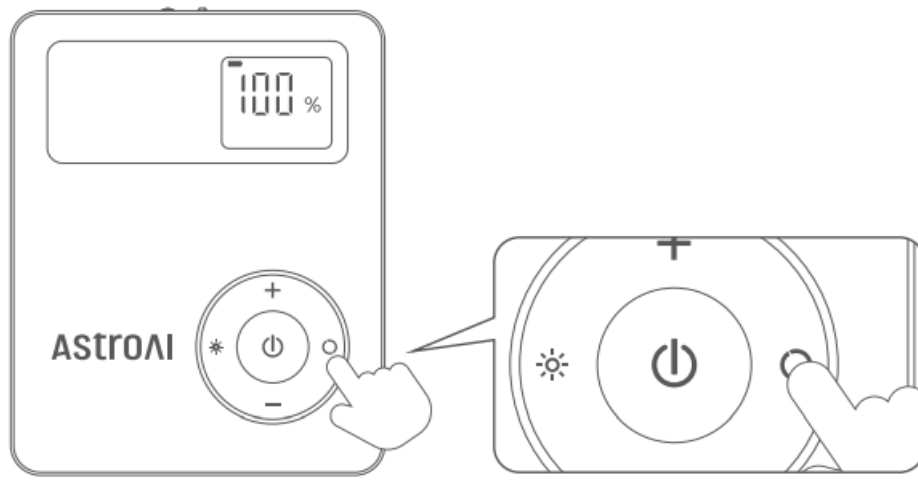
### • Method 1

After turning on, the screen will display the current battery level.



### • Method 2

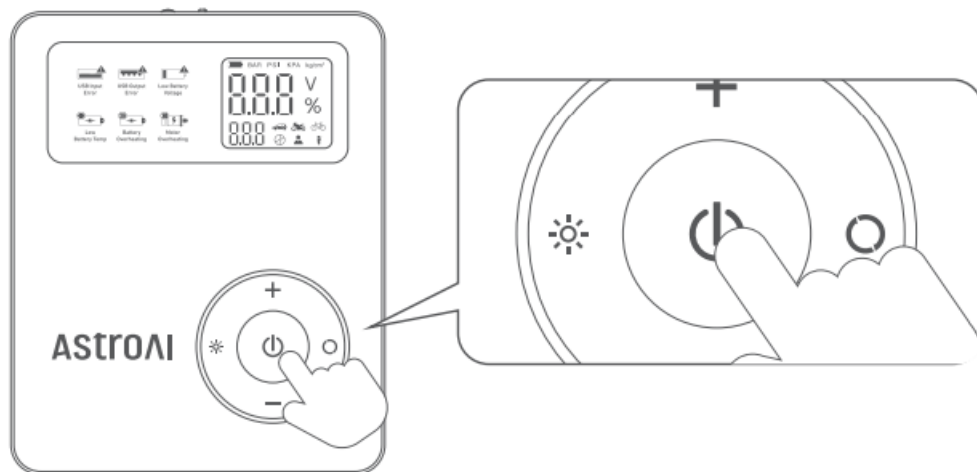
While in inflation setting mode, press the switch button to display the current battery percentage remaining.



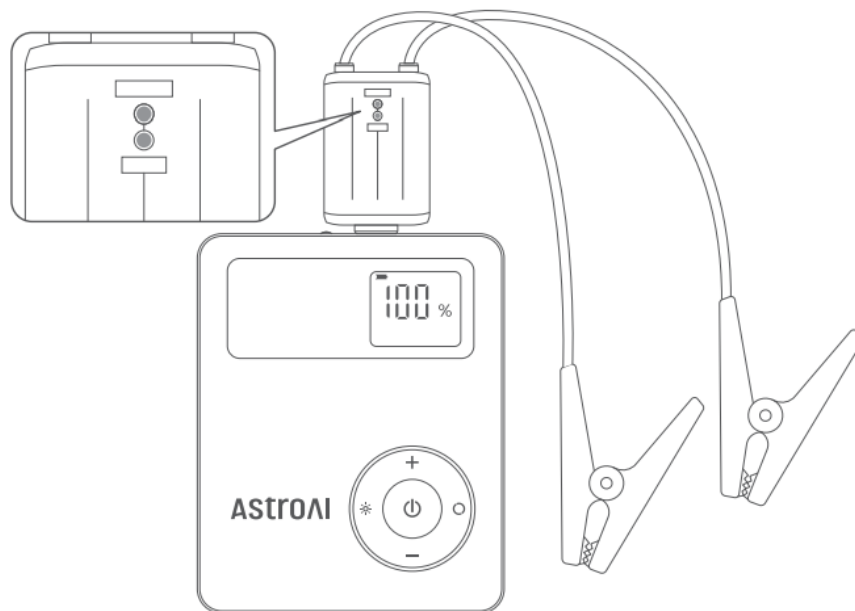
**NOTE:** The jumpstart function will not work properly if the battery level is lower than 20%. If the battery level is lower than 20%, the display will flash a “Low Battery Voltage” warning, please charge your product immediately. To maximize battery service life, avoid letting the starter drop below a 20% charge.

### **Jumpstarting function**

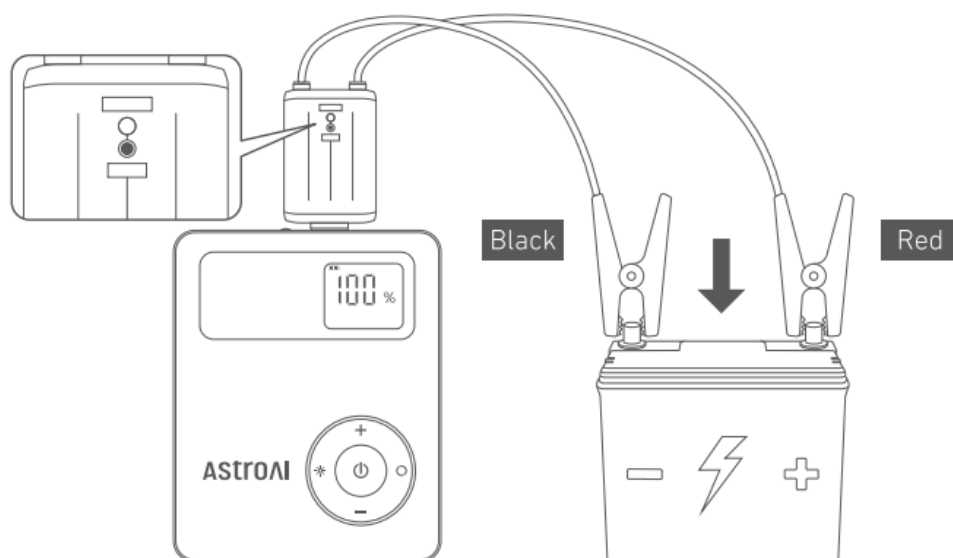
1. Press and hold the power/start button for 2 seconds to turn on the product.



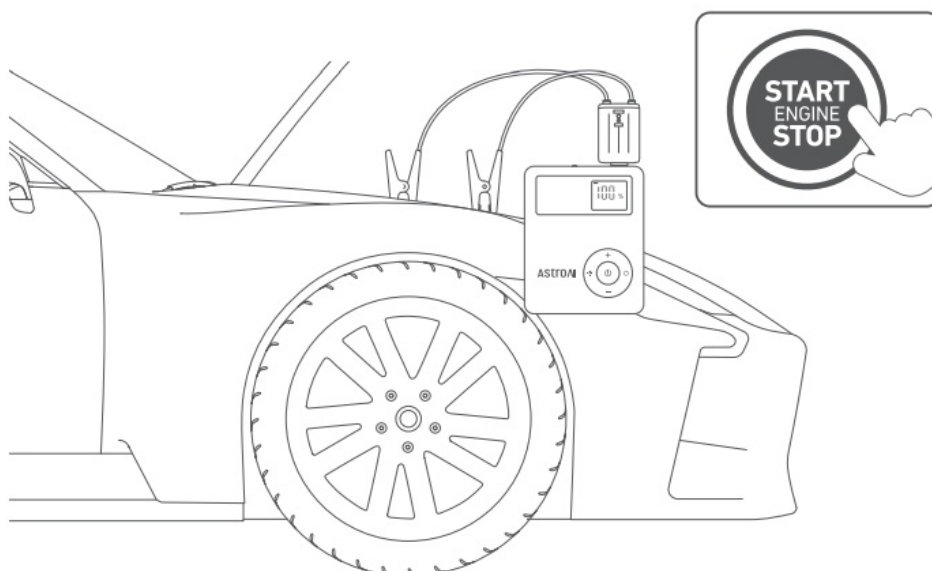
2. Ensure the smart jump starter cables are completely inserted into the 12V jump start port. (The indicator on the smart jump starter cables will flash, this is normal.)



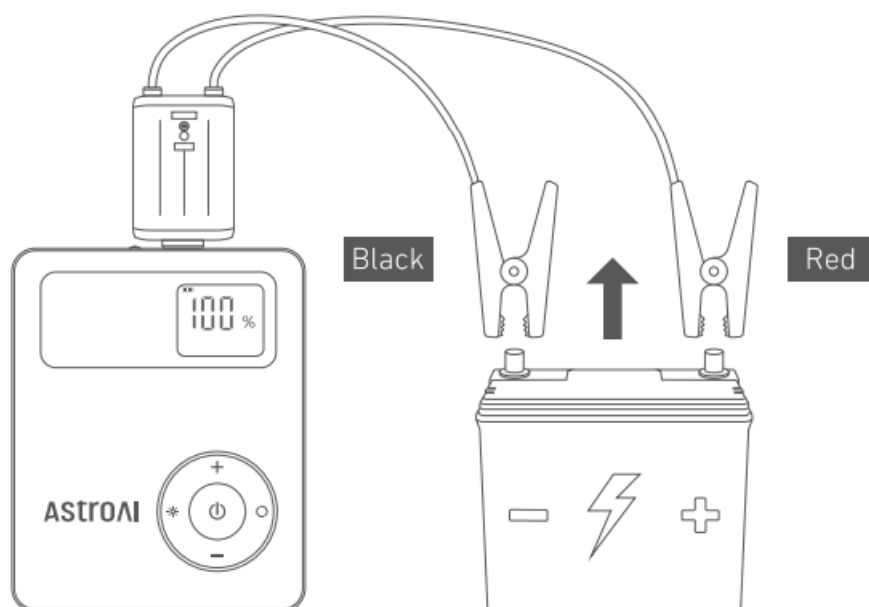
3. Securely connect the positive and negative clamps to the corresponding battery terminals as shown below, the smart indicator will turn green. (If the indicator continues to flash in red and green alternately or turns red, please ensure the connection is correct.)



4. Start the vehicle.



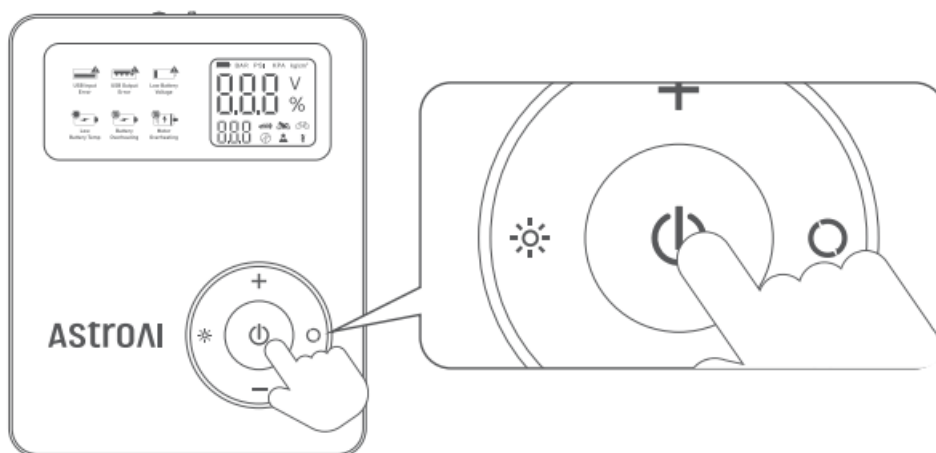
5. Remove the jumper cables after successfully starting the car .



- **Tip 1:** Turn off any electrical devices in the vehicle before jump starting it.
- **Tip 2:** If it fails to jump start, stop and remove the clamps. Wait for 60 seconds and retry step 4.

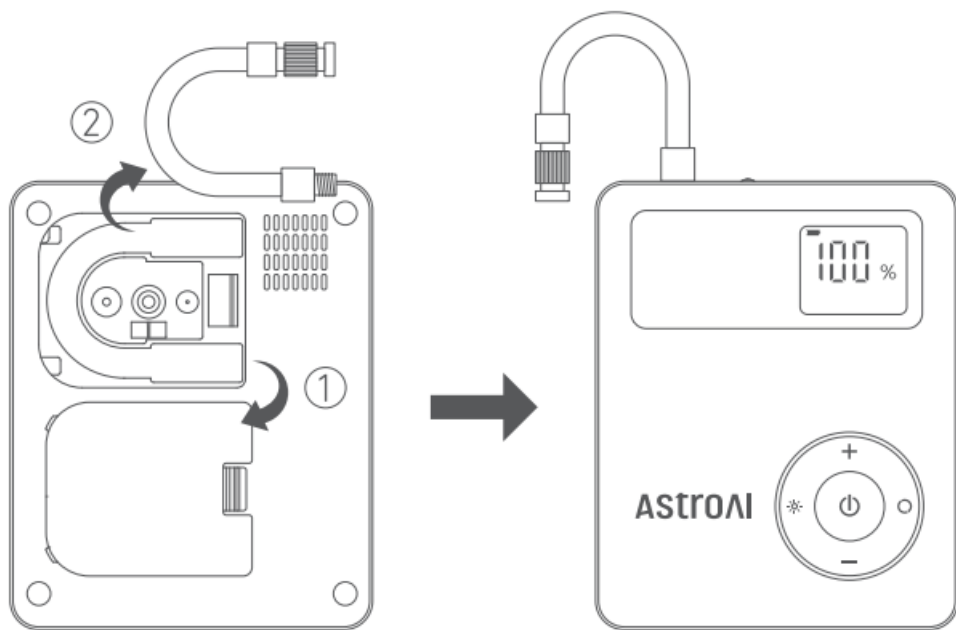
### Inflating function instruction

1. Press and hold the power/start button for 2 seconds to turn on the product.

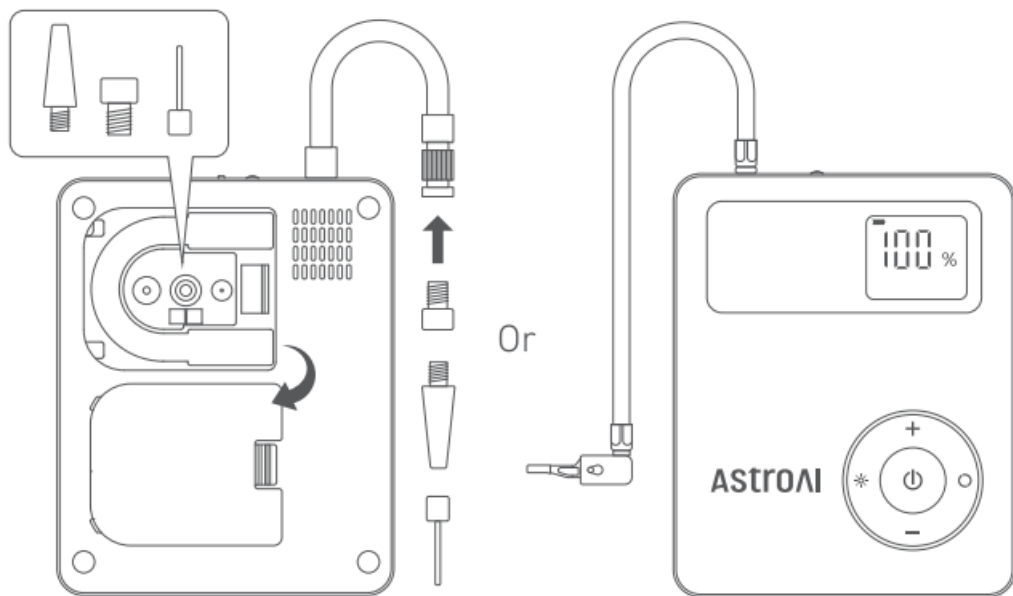


2. Take the air hose out and connect the air hose as shown.

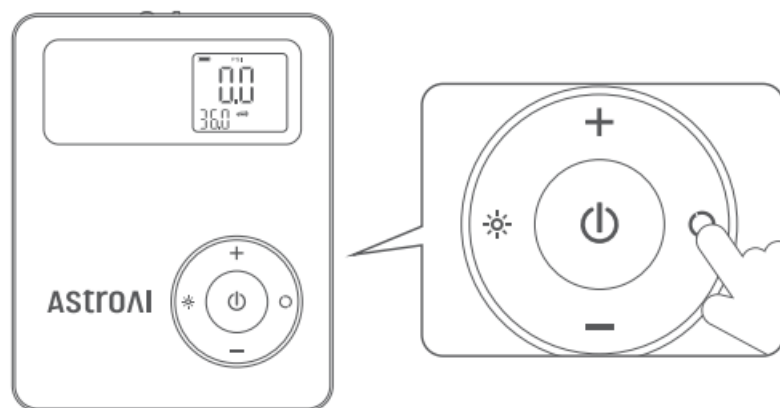




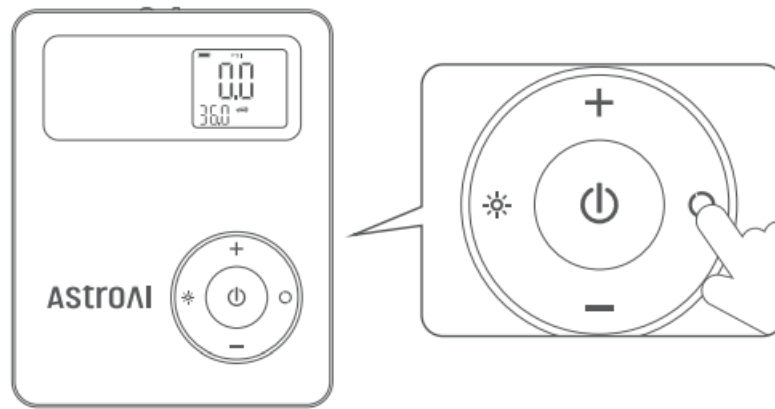
3. Choose a suitable nozzle to inflate your item with.



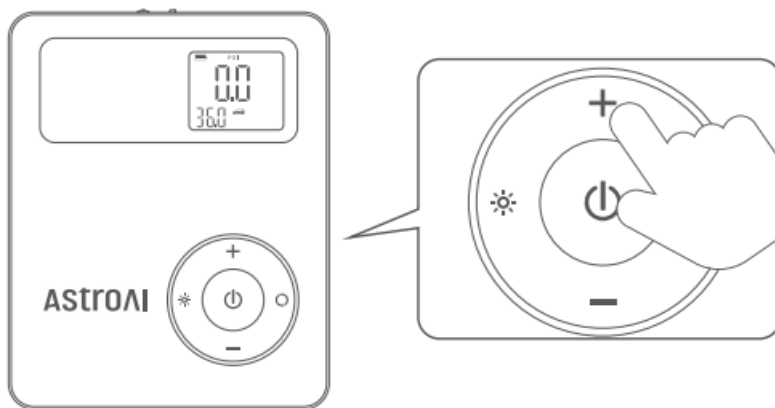
4. Press the switch button to choose the desired mode.



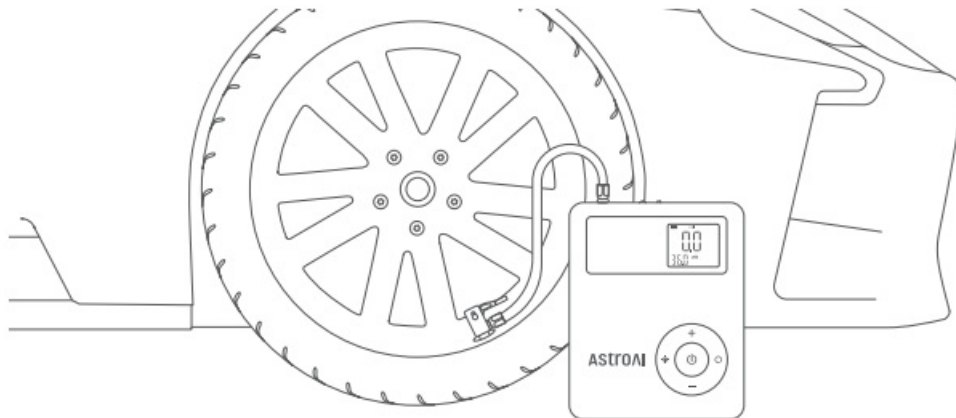
5. Press and hold the switch button to switch between units. Press the button until the desired unit is reached. Release the switch button when the desired unit is on screen to select it.



6. Use '+' and '-' to adjust the pressure value.



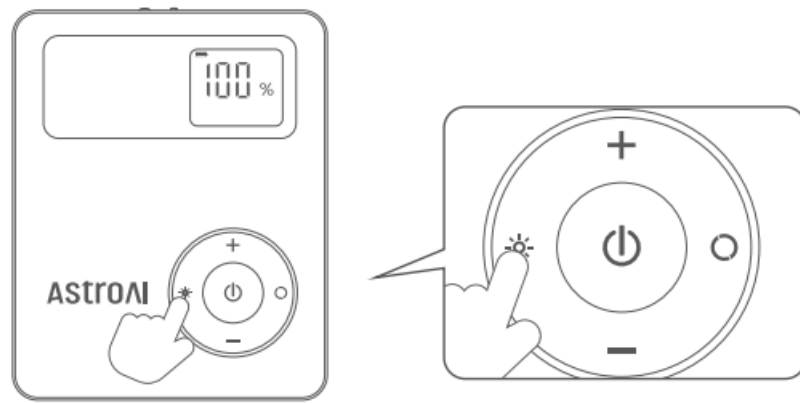
7. Press the power/start button to inflate. The product will automatically shut off when the inflation completes.



- **Tip 1:** If the tire pressure value of the object to be inflated is higher than preset value, the product will not work.
- **Tip 2:** PSI, BAR, KG/CM2, KPA are units, instead of pressure levels.
- **Tip 3:** The air compressor is incompatible with high-volume objects like air mattresses and inflatable pools.
- **Tip 4:** Only inflate objects in accordance with their recommended pressure.

### LED instructions

Press the light button to switch between the flashlight, SOS, and Strobe illumination modes.



## TROUBLESHOOTING

If you fail to jump start the vehicle, please check the possible causes in order.

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

**If it fails to inflate the tire, please check the possible causes in order.**

- Insufficient power level of the product.
- The inflation hose is not connected correctly.
- The preset tire pressure value is lower than the current tire pressure.
- The tire's stem nozzle tire is clogged by foreign objects.
- User forgot to press the start button after presetting the value.
- The product activated its overheating protection due to an overheating motor and/or battery. Please try it again after it cools down.
- Contact AstroAI for after-sales support.

### Failure to power on

- Insufficient power level or the product is charging.
- The product cannot be turned on when it is charging.
- Contact AstroAI for after-sales support.

## Failure to charge

- Ensure the charging cord is connected correctly.
- Ensure is outlet is powered.
- The product activated its overheating protection due to the battery overheating. Please charge it after cooling it down to room temperature.
- Contact AstroAI for after-sales support.

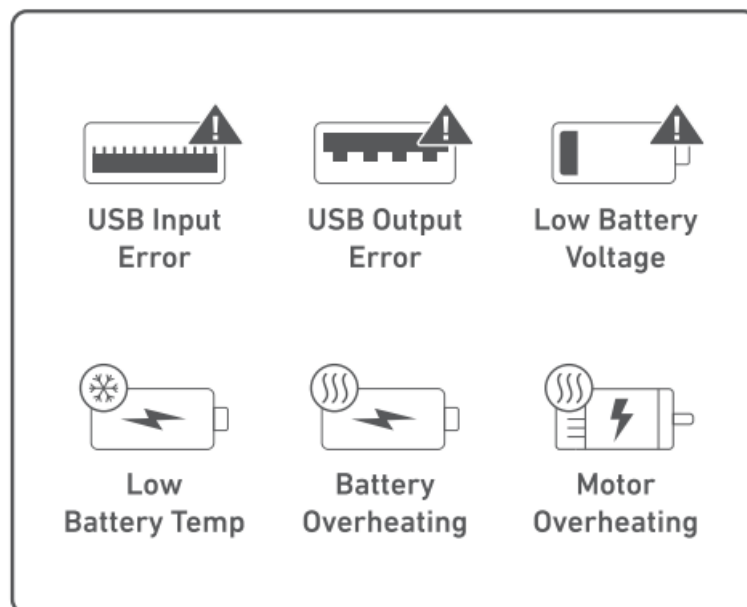
## Compatible adapters

- Schrader adapter
- Presta adapter

## Error indicators

- **USB Input Error** Disconnect the USB input and check if the voltage and current exceed the maximum value.
- **USB Output Error** Disconnect the USB output and check if the electric devices are short-circuited.
- **Low Battery Voltage** Please charge the product immediately.
- **Low Battery Temp** Turn on the air compressor for about 30 seconds to heat up the battery.
- **Battery Overheating** Turn off the product and place it in a cool place to cool down.
- **Motor Overheating** Turn off the product and place it in a cool place to cool down.

## SYMBOLS



## MAINTENANCE

- To achieve the best performance of the battery, please charge the product when the battery level is lower than 80%.
- To extend the product's service life, you should charge the product fully after use and charge it every three months it is idle.

## SPECIFICATIONS

- **Model** DK-MF139
- **Capacity** 481 00mWh (48.1 Wh)
- **Pressure range**
  - **Inflate:** 0-150PSI
  - **Measure:** 0-250PSI
- **Jump-start current** 800A
- **Peak current** 1750A
- **Output**
  - QC3.0 (5V?3A, 9V? 2A, 12V? 1.5A),
  - 5V?2.4A, 5V-2A
- **Input** 5V?2.8A, 9V?1.8A, 12V?1.4A
- **Operation temperature** -4° F~122° F; -20°C~50° C
- **Charge temperature** 23°F~140° F; -5°C~60° C
- **Time to fully charge** Approximately 4.5 hours

## PACKAGE INCLUDES

- Multifunctional jump starter x1
- Storage box x1
- Smart battery clamps x1
- Needle valve adapter x1
- USB power cord x1
- Air nozzle x1
- Inflation hose x1
- Presta to Schrader adapter x1
- Extension hose x1
- User manual x1
- Charger x1
- Warranty card x1

## RECYCLING

You may dispose of this 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 workmanship.
- 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. AstroAI always wants to provide our

customers with excellent products and customer service.

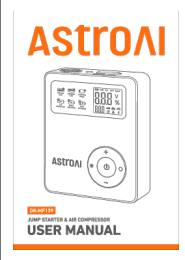
### Questions or Concerns?

We're happy to help! Please contact us via [support@astroai.com](mailto:support@astroai.com)

### ABOUT COMPANY

- Web: [www.astroai.com](http://www.astroai.com)
  - E-mail: [support@astroai.com](mailto:support@astroai.com)
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### Documents / Resources

	<p><a href="#">ASTROAI 1750A Jump Starter with Air Compressor</a> [pdf] User Manual 1750A Jump Starter with Air Compressor, 1750A, Jump Starter with Air Compressor, Starter with Air Compressor, Air Compressor, Compressor</p>
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### References

- [User Manual](#)