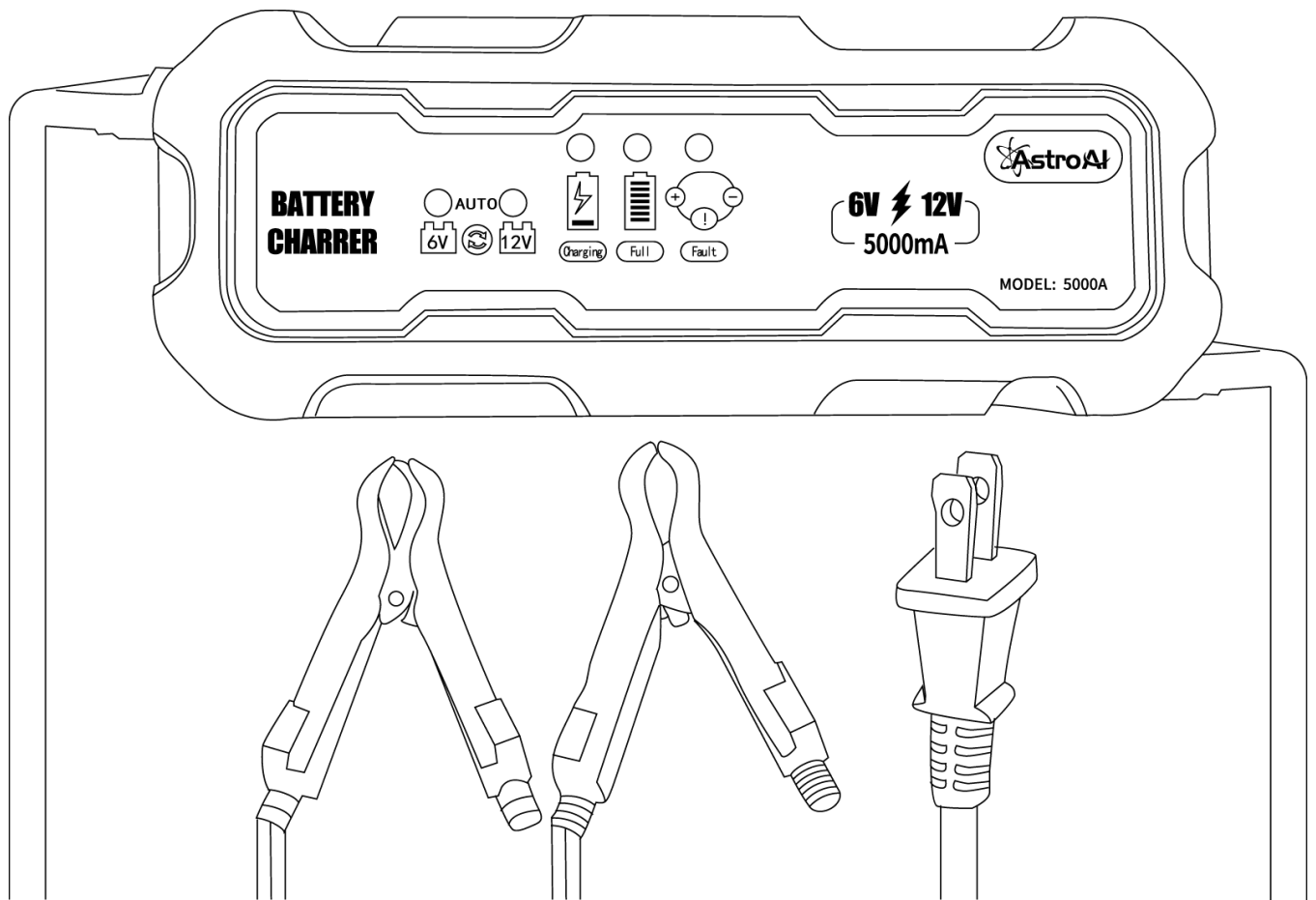


AstroAI 5000mA Battery Charger



AstroAI 5000mA Battery Charger

Thank you for purchasing the AstroAI 5000mA Battery Charger. This is a fully Automatic 4-stage Battery Charger, allowing you to charge 6V and 12V lead-acid batteries in your vehicles.

Recommended battery capacities: 10Ah-120Ah, up to 200Ah for maintenance. Just select the charging voltage (6V or 12V) and the microprocessor-controlled charger will do the rest until the charging cycle has completed. An LED Indicator informs you on what charging phase you are on while modern safety tech keeps you and your property protected. Please read this manual before use and keep this manual for future reference. We hope you enjoy your new Battery Charger!

You are welcome to contact us with your question via support@astroai.com.

WARNING

- Check the charger cables prior to use. Ensure that no cracks have formed in the cable or insulation. A charger with damaged cables must not be used. A damaged cable must be replaced by a professional.
- Never charge a damaged battery.
- Never allow sparks or open flames near batteries or the battery charger
- Never charge a frozen battery.
- A battery being charged could emit explosive gasses. Prevent any contact with skin or eyes. Seek immediate medical attention if contact does occur.
- Battery Acid is corrosive. Rinse immediately with water if battery acid comes into contact with any materials.
- Store and use the battery charger out of the reach of children, and ensure that children cannot play with the charger.

Connect and Disconnect the Charger to the Battery

Warning: Please connect or disconnect charger to battery according to the directions below. Failing to follow the directions may result in damage to your property, the battery charger, or bodily injury to yourself or others.

Charging Vehicle-Mounted Lead-Acid Battery:

1. Connect the red clamp of the battery charger to the Positive Pole of the Battery, then connect the black clamp of the battery charger to the Negative Pole of the Battery.
NOTE: If the Battery's Positive pole is grounded, then connect the black clamp to the Negative pole, and the red clamp to the vehicle's chassis (Keep away from fuel and battery lines).
2. Insert the battery charger's plug into a wall outlet (AC Plug)
3. Before disconnecting the battery charger, unplug the battery charger from the AC power source (wall outlet).
4. Then disconnect the black clamp before the red clamp.
NOTE: If the battery's Positive pole is grounded, then disconnect the red clamp before the black clamp.

Connection Protection:

This function will protect the battery charger and your vehicle's battery from being damaged if connected incorrectly.

4-stage charging process:

Stage 1: initialization, when the charger power on then it start self-check and detect the battery correct connect.

Stage 2: Bulk charge, using the charger highest rated current for the type of battery in use until it reaches 80% capacity.

Stage 3: Absorption, the output voltage is limited to 7.2V(6V battery) or 14.4V(12V battery) while current declines as the battery charges to its full capacity without overheating.

Stage 4: Float, at this stage, the battery is fully charged and the charger maintains the battery through pulse charging.

Charging Lead-Acid Battery (Not Connected to Vehicle):

1. Connect red clamp of battery charger with the Positive Pole of the Battery (Marked '+'). Connect black clamp of battery charger with the Negative Pole of the Battery (Marked '-')
2. Insert the battery charger's plug into an AC outlet (typically wall outlets).
3. To disconnect, unplug the charger from the AC outlet, then disconnect the clamps from the battery poles.

Specifications:

Designed Voltage and Amperage	6V, 5A / 12V, 5A
Charging Current	5A Max charging programs: DC2 (6V / 12V)
Charging Voltage	6V Mode: 7.2V 12V Mode: 14.4V
Minimum Operating Voltage	2.5V
Ripple Wave	<4%
Working Temperature	-40°F~104°F (-40°C~40°C)
AC Input Voltage	AC 100-120V, 60Hz
AC Input Current	Maximum 1.8A / 130V
Suitable Batteries	12V lead-acid batteries, Gel, Ca-Ca, AGM, maintenance free
Normal Recommended Battery Capacities	10Ah~120Ah, up to 200Ah for maintenance

Package Contents

- 1 x Battery Charger
- 1 x Charging Cable Set
- 1 x User Manual

DISPOSAL OF THIS ARTICLE

If you at some point intend to dispose of this article, please keep in mind that many of its components consist of valuable materials, which can be recycled. Please do not discard it in the garbage bin, but check with your local authorities for recycling facilities in your area.

5 Year Warranty From AstroAI

Each AstroAI 5000mA Battery Charger /Maintainer will be free from defects in material and workmanship. This warranty does not cover fuses, disposable batteries and damages from neglect, misuse, contamination, alteration, accident, or abnormal conditions of operation or handling such as overvoltage failures caused by using outside the Battery Charger/Maintainer's specified rating, or normal wear and tear of mechanical components. This warranty covers the original purchaser only and is not transferable.

AstroAI always wants to provide our customers with excellent products as well as customer service. To know more about us, please visit astroai.com.