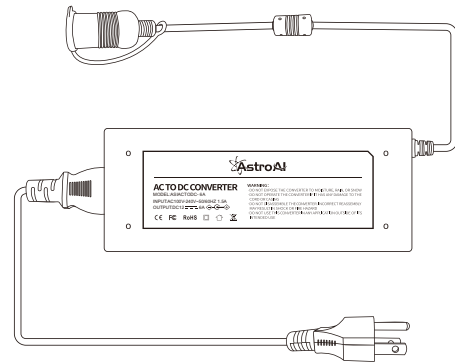




Electrical Power Converter User Manual



V1.0

Thank you for purchasing the Electrical Power Converter from AstroAI. The AstroAI Electrical Power Converter is designed to convert standard 100-240V AC to 12V DC to easily adapt devices for use in the home. This manual provides all safety information, operation instruction, specifications, and maintenance for the Converter.

Thank you again for choosing AstroAI, if you have any questions or concerns regarding your product, please contact us atsupport@astroai.com.

NOTE: Fully read and understand this manual before using this Converter.

01/ WARNING

- Do not expose the converter to moisture, rain, or snow.
- Do not operate the converter if it has any damage to the cord or casing.
- Do not disassemble the converter. Incorrect reassembly may result in shock or fire hazard.
- To reduce the risk of electric shock, unplug the converter before attempting any maintenance or cleaning.
- Do not use this converter in any application outside of its intended use.
- Only use this converter using standard 100-240V AC electrical outlets. Any attempt to overload the device may result in injury or damage to the device.

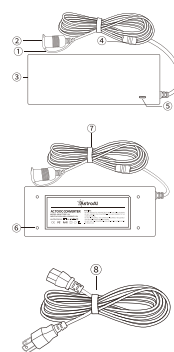
02/ SAFETY FEATURES AND CERTIFICATIONS

- Over Voltage Protection: Protect at a minimum 14.25V and at a maximum 15.75V output.
- Short Circuit Protection: Automatically enter a protected status during short circuit.
- Over Current Protection: Protect at a minimum 7A and at a maximum 16A.
- Meets IEC60950 and EN55022 standard requirements.
- FCC Safety Certification.
- CE Safety Certification.
- RoHS.



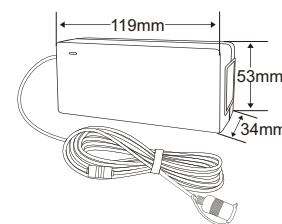
Web: www.astroai.com
E-mail: support@astroai.com

03/ DIAGRAM

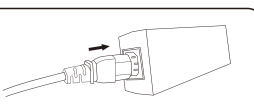


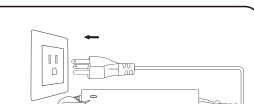
- ① Dust-proof Plug
- ② Cigarette Lighter Socket
- ③ AC Socket
- ④ Filter
- ⑤ LED light
- ⑥ Non-slip Mat
- ⑦ Velcro
- ⑧ AC Power Cord

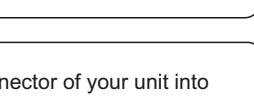
04/ SIZE DESCRIPTION




05/ OPERATION INSTRUCTIONS

- Plug the AC power cord into the AC socket before connected to the outlet. 

- Plug the AC power cord into the outlet. The LED light will turn on. 

- Plug the cigarette lighter connector of your unit into the cigarette lighter socket, then turn on the converter. 

- After using, unplug the AC cord from the outlet first. Then disconnect the cigarette lighter connector. Keep the device in a dry environment with the dust-proof plug covered. 

06/ TROUBLESHOOTING

Not working	<ul style="list-style-type: none"> • Check the LED light. If it is off, make sure the cord is tightly plugged to the outlet. • Make sure the AC cord is tightly plugged to the AC socket. • Make sure the cigarette lighter is connected well.
Very hot	<ul style="list-style-type: none"> • Do not use it when full-loaded for a long time. • Do not use it in a hot environment. Avoid direct sunlight. • Check if the power of unit connected is over 72W.
Working condition	<ul style="list-style-type: none"> • Range of voltage: AC 100V ~240V. • Power of unit connected with DC output must not exceed 72W.
Charging	<ul style="list-style-type: none"> • Cannot be used as a charger. Do not use it to charge any rechargeable unit or battery.
Safety issues	<ul style="list-style-type: none"> • Do not use this device under conditions of over-voltage, shortage, over-current, overload, etc. • Do not disassemble or refit this device.

07/ SPECIFICATIONS

- Dimensions: 119x53x34mm
- Operating Input Voltage Range: 100-240V AC
- Input Frequency Range: 50-60Hz
- Output Voltage: 12V DC
- Output Power: 72W
- DC Output Current: 6A
- Over Voltage Protection Limits: 14.25-15.75V
- Operating Temperature: 32°F~176°F (0°C~80°C)
- Storage Temperature: -4°F~185°F (-20°C~85°C)
- Operating Humidity: 20~85% Relative Humidity
- Storage Humidity: 10~90% Relative Humidity

08/ 3YEAR WARRANTY LIMITED WARRANTY FROM ASTROAI

Each AstroAI Portable Electrical Power Converter 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 as well as customer service. To know more about us, please visit astroai.com.