

Voltage converter from 24V AC to 12V DC, 10A, 120W, IP68

Reference: AM9778
EAN13: -
HS code: 85044090



Product attributes:

Product features:

Input voltage: 24 V AC
Output voltage: 12 V DC
Output current: 10 A
Output power: 120 W
Waterproof grade: IP68
Lifetime: 100,000 hours

Product description:

The voltage converter is used to convert the input alternating voltage of 24 V AC to the output direct voltage of 12 V DC. It is intended for powering devices requiring 12 V DC from 24 V AC distributions. The metal design with fins supports heat dissipation and the IP68 protection allows use in environments with increased demands for resistance to water and dust ingress.

Technical specifications

- Product type: AC/DC voltage converter
- Input voltage: 24V AC
- Output voltage: 12V DC
- Maximum output current: 10 A
- Maximum power: 120 W
- Efficiency: 86%
- No-load current consumption: max. 110mA
- Protection: IP68
- Working temperature: -40~+80°C
- Ambient humidity: 0~95%
- Weight: 300g
- Certificates: CE, ROHS
- Design: aluminum body with cooling fins
- Connection: cable outlets

Functions and features

- Conversion from 24 V AC to 12 V DC
- Sealed design suitable for installations with increased requirements for resistance to moisture and dust
- Metal housing with fins for better heat dissipation
- Fixed wires for electrical connection

Ideal for

- Powering 12V DC devices from 24V AC distribution
- Technical and industrial installations
- Outdoor or humid environments where IP68 protection is required
- Applications where stable conversion between AC and DC power is required

Package contents

- 1x voltage converter 24 V AC to 12 V DC

Why choose this product?

- Meets the requirement of converting 24V AC to 12V DC
- Allows powering devices with higher current consumption up to 10 A
- Sealed IP68 design expands application possibilities in more demanding conditions
- The aluminum body with fins is structurally adapted for heat dissipation

Installation and operating instructions

- Before installation, verify that the input and output voltages match the requirements of the connected device.
- Make sure that the input and output wires are connected correctly.
- Install the inverter so that heat dissipation from the body surface is not restricted.
- We recommend that installation and connection be carried out by a qualified person.

Safety notice

- Incorrect wiring may result in damage to the inverter or connected equipment.
- The power must be disconnected during installation.
- Prevent short circuits at the output and mechanical damage to the supply wires.
- The device generates heat during operation, so it must be installed with regard to safe heat dissipation.
- The product is an electrical device and requires professional installation.

