

# Voltage converter from 30-120V to 24V, 15A, 360W, IP68

## Product codes:

Reference: AM6332

EAN13: -

UPC: 85044090

## Product features:

Input voltage: 30-120 V DC

Output voltage: 24 V DC

Output current: 15 A

Output power: 360 W

Waterproof grade: IP68

Lifetime: 100,000 hours



## Product attributes:

## Product description:

The DC/DC voltage converter from 30-120 V to 24 V is designed for stabilized power supply of 24 V devices from higher DC input voltage. Thanks to the high IP68 protection and aluminum design with fins, it is suitable for use in more demanding operating conditions, where resistance to moisture, dust and effective heat dissipation are required. The product is suitable for industrial applications, mobile technology, transportation systems and other devices powered by DC distribution.

## Technical specifications

- Device type: DC/DC voltage converter
  - Input voltage: 30-120V DC
  - Output voltage: 24 V DC
  - Maximum output current: 15 A
  - Rated power: 360 W
  - Efficiency: up to 96.3%
  - No-load current consumption: max. 80 mA
  - Protection: IP68
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- Working temperature: -40 to +80 °C
- Ambient humidity: 0 to 95%
- Construction: aluminum body with fins for heat dissipation
- Protections: against overload, overvoltage, overheating and short circuit
- Certification: CE, RoHS
- Dimensions: 74 x 74 x 32 mm
- Weight: 300g

### **Functions and features**

- Stable conversion of higher DC voltage to 24 V DC for powering sensitive and high-performance devices
- Wide input voltage range for use in various DC systems
- High efficiency reducing heat loss and cooling requirements
- Durable sealed design suitable for outdoor and industrial installations
- Integrated protection circuits for safer and more reliable operation
- Compact design allows for easier installation in limited space

### **Ideal for**

- Powering 24V devices from high-voltage DC distribution lines
- Industrial automation and control systems
- Transportation technology and mobile applications
- Camera, communication and monitoring systems
- Built-ins, technological units and outdoor installations

### **Package contents**

- 1x DC/DC voltage converter from 30-120 V to 24 V, 15 A, 360 W, IP68

### **Why choose this product?**

- Designed for applications requiring stable 24V power supply from a wide range of DC input voltages
- Durable aluminum design supports long-term operation even in more demanding environments
- High IP68 protection increases suitability for use in dusty and humid environments
- Integrated protections help protect both the drive and connected equipment
- Clearly defined technical parameters facilitate design and integration into the system

### **Installation and operating instructions**

- During installation, it is necessary to observe the correct polarity of the input and output lines.
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- Install the inverter on a suitable surface that allows heat to dissipate from the aluminum body.
- For reliable operation, we recommend using wires with an appropriate cross-section for the transmitted current.
- Operate the device only within the specified input voltage and output load range.
- When installing in an enclosed space, it is advisable to take into account the ambient temperature and cooling conditions.

#### **Safety notice**

- The device input contains a direct voltage of up to 120 V DC, which can be dangerous if handled improperly.
- We recommend that installation and connection be carried out only by a qualified person with knowledge of working with devices above 60 V DC.
- Always disconnect power before connecting, maintaining, or disconnecting equipment.
- Avoid short circuits at both input and output and do not exceed specified electrical parameters.
- Do not use the device if it is mechanically damaged or if the power cords have been damaged.

#### **Product gallery:**

