

# Voltage converter from 10-30V to 72V, 9A, 648W, IP68

Reference: AM6434  
EAN13: -  
HS code: 85044090



## Product attributes:

## Product features:

Input voltage: 12 V DC  
Output voltage: 72 V DC  
Output current: 9 A  
Output power: 648 W  
Waterproof grade: IP68  
Lifetime: 100,000 hours

## Product description:

High-performance DC/DC converter designed to convert voltage from a wide input range of 10–30V DC to stable 72V DC. Thanks to its robust design, high efficiency and IP68 protection, it is suitable for demanding industrial applications, vehicles and systems with high energy demands.

## Technical specifications

- Input voltage: 10–30V DC
- Output voltage: 72V DC
- Maximum output current: 9A
- Output power: 648W
- Efficiency: up to 96%
- Electrical insulation: non-isolated design (common input and output ground)
- Protections: overvoltage, overload, short circuit, overheating
- Cooling: massive aluminum heatsink
- Operating temperature: –40°C to +80°C
- Protection: IP68
- Dimensions: 125 × 105 × 52 mm
- Weight: 1200g
- Certification: CE, RoHS

## Functions and features

- Stable output voltage of 72V suitable for high voltage systems.
- Wide input range 10–30V DC for universal use.
- Non-isolated version — suitable where galvanic isolation is not required.
- Robust construction with heat dissipation through an aluminum block.
- Integrated protections for maximum operational safety.
- Fully encapsulated design ensures resistance to moisture, dust and vibration.

## Ideal for

- Electric scooters, wheelchairs and mobile technology
- Industrial control systems and power applications
- LED lighting and special lighting installations
- Stable power supply for communications and electronic devices
- Applications with high energy demands

## Package contents

- 1 × DC/DC converter 10–30V → 72V, 9A

## Why choose this product?

- High power 648W and stable output for professional use.
  - The wide input range allows installation in various systems.
  - IP68 protection for extremely harsh conditions.
  - Robust construction and long service life.
  - Non-isolated version suitable for systems with common ground.
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