

# Voltage converter from 12V to 52V, 10A, 260W, IP68

Reference: AM2728  
EAN13: -  
HS code: 85044090



## Product attributes:

## Product features:

Input voltage: 12 V DC  
Output voltage: 52 V DC  
Output current: 10 A  
Output power: 520 W  
Waterproof grade: IP68  
Lifetime: 100,000 hours

## Product description:

Durable DC/DC converter designed to increase voltage from 12V DC to stable 52V DC with a maximum current of 10A. Thanks to its robust construction, high efficiency and IP68 protection, it is suitable even for demanding environments. This model has non-isolated input and output.

## Technical specifications

- Input voltage: 12V DC (10-30V DC)
- Output voltage: 52V DC
- Maximum output current: 10A
- Output power: 260W
- Efficiency: up to 97%
- Construction type: non-isolated converter (common ground)
- No-load current consumption: max. 50mA
- Protections: overvoltage, overload, overheating, short circuit
- Aluminum finned housing for efficient cooling
- Operating temperature: -40 °C to +80 °C
- Ambient humidity: 0-95%
- Protection: IP68
- Dimensions: 125 × 105 × 52 mm
- Weight: 1200g
- Certification: CE, RoHS

## Functions and features

- Stable 52V DC output suitable for a wide range of devices.
- Non-isolated input and output – suitable for systems with common ground.
- High efficiency with minimal heat loss.
- Fully encapsulated construction ensures maximum resistance to moisture and vibration.
- Automatic protections for long-term and safe operation.

## Ideal for

- Powering 52V devices from 12V systems
- Electric wheelchairs, scooters, e-mobility
- Industrial and control systems
- LED systems and lighting installations
- Special applications requiring increased voltage

## Package contents

- DC/DC converter

## Why choose this product?

- Stable and powerful 52V output with current up to 10A.
  - Resistant to water, dust and mechanical stress (IP68).
  - Very high efficiency up to 97%.
  - Long service life thanks to solid aluminum design.
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