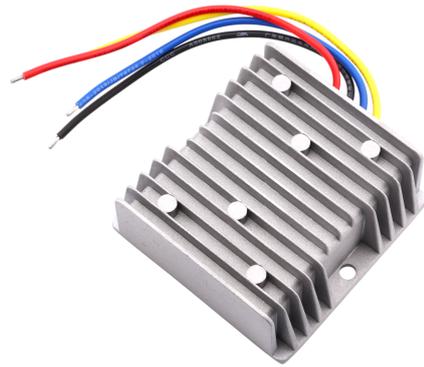


# Voltage converter 50-100V to 48V DC, 2A, 96W, isolated

Reference: AM7384  
EAN13: -  
HS code: 85044090



## Product attributes:

## Product features:

Input voltage: 50-100 V DC  
Output voltage: 12 V DC  
Output current: 10 A  
Output power: 120 W  
Waterproof grade: IP67  
Lifetime: 100,000 hours

## Product description:

The isolated step-down DC/DC converter NP-DTDI50-100S482 is designed for stable and safe conversion of higher DC voltage in the range of 50-100V DC to an output voltage of 48V DC. Thanks to the galvanic isolation of the input and output, it is suitable for professional and industrial applications where high electrical safety, reliability and protection of connected devices from interference and ground potential differences are required.

## Technical specifications

- Converter type: isolated DC/DC converter (step-down)
- Input voltage: 50-100V DC
- Output voltage: 48V DC
- Maximum output current: 2A
- Maximum power: 96W
- Dimensions: 74 × 74 × 32 mm
- Weight: 300g
- Protection: IP67
- Cooling: passive, aluminum housing
- Electrical separation: galvanic isolation input/output

## Functions and features

- Step-down topology for efficient reduction of higher input voltage
- Galvanic isolation increases safety and limits interference transmission
- Stable output voltage of 48V DC over the entire input range
- Compact and uniform mechanical design across the entire inverter range
- Robust construction suitable for demanding operating conditions
- Easy installation with connecting wires

## Ideal for

- Power supply of 48V industrial devices and electronic modules
- Telecommunications and network equipment
- Automation and control systems
- Power supply of equipment from 60V to 96V DC distributions
- Applications requiring galvanic isolation of power circuits

## Package contents

- 1 × isolated DC/DC converter NP-DTDI50-100S482

## Why choose this product?

- Safe and stable power supply thanks to galvanic isolation
  - Wide input range 50-100V DC
  - Output voltage 48V DC with power up to 96W
  - Compact and durable design for professional use
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