

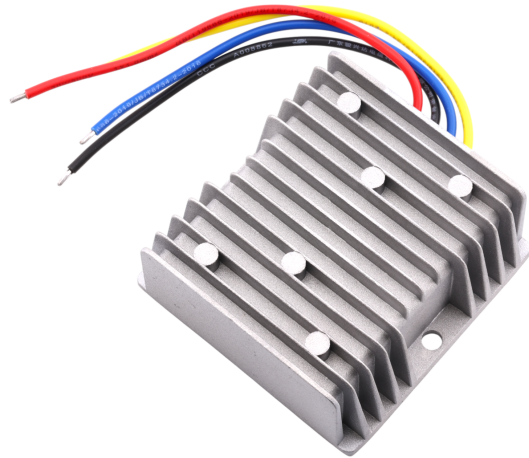
# Voltage converter 50-100V to 48V DC, 2A, 96W, isolated

## Product codes:

Reference: AM1294

EAN13: -

UPC: 85044090



## Product features:

Input voltage: 50-100 V DC

Output voltage: 48 V DC

Output current: 2 A

Output power: 96 W

Waterproof grade: IP67

Lifetime: 100,000 hours

## Product attributes:

## Product description:

The isolated DC/DC converter NP-DTDI50-100S1210 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 ideal for professional and industrial applications where electrical safety, interference suppression and reliable long-term operation are emphasized.

## Technical specifications

- Converter type: isolated DC/DC converter
  - 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
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- Electrical separation: galvanic isolation input/output

### **Functions and features**

- Wide input voltage range suitable for high voltage DC systems
- Galvanic isolation increases safety and protects connected devices
- Stable 48V DC output voltage even with input fluctuations
- Compact and uniform mechanical design across the entire inverter range
- Robust construction suitable for demanding operating conditions
- Easy installation with connecting wires

### **Ideal for**

- 48V power supply for industrial and technical equipment
- Telecommunications and network systems
- Automation and control technology
- Powering electronics from 60V to 96V DC distributions
- Applications requiring galvanic isolation of power circuits

### **Package contents**

- 1× isolated DC/DC converter NP-DTDI50-100S1210

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

- Safe 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

### **Product gallery:**

