

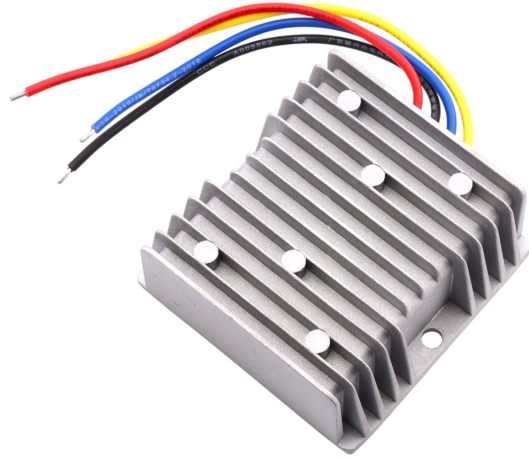
# Voltage converter 30–60V to 12V DC, 10A, 120W, isolated

## Product codes:

Reference: AM0832

EAN13: -

UPC: 85044090



## Product features:

Input voltage: 30-60 V DC

Output voltage: 12 V DC

Output current: 10 A

Output power: 120 W

Waterproof grade: IP67

Lifetime: 100,000 hours

## Product attributes:

## Product description:

The isolated step-down DC/DC converter NP-DTDI30-60S1210 is designed for reliable conversion of higher DC voltage in the range of 30–60V DC to a stable output voltage of 12V DC. Thanks to the galvanic isolation of the input and output, it is suitable for industrial and technical applications where high operational safety, immunity to interference and long-term power supply stability are required.

## Technical specifications

- Converter type: isolated DC/DC converter (step-down)
  - Input voltage: 30–60V DC
  - Output voltage: 12V DC
  - Maximum output current: 10A
  - Maximum power: 120W
  - Dimensions: 74 × 74 × 32 mm
  - Weight: 300g
  - Protection: IP67
  - Cooling: passive, aluminum finned case
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- Electrical separation: galvanic isolation input/output

### **Functions and features**

- Step-down topology for efficient reduction of higher input voltage
- Galvanic isolation increases safety and protects sensitive electronics
- Stable 12V DC output voltage even with input fluctuations
- High output power up to 120W in a compact design
- Durable aluminum housing ensures effective heat dissipation
- Connection using color-coded wires for easy installation

### **Ideal for**

- Industrial power systems with higher DC voltage
- Automation and control technology
- Powering 12V devices from 36V, 48V or 60V DC distributions
- LED systems, control modules and power electronics
- Applications requiring ground separation and reduction of electrical interference

### **Package contents**

- 1× isolated DC/DC converter NP-DTDI30-60S1210

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

- Safe operation thanks to galvanic isolation
- High power of 120W in compact dimensions
- Durable design suitable for demanding operating conditions
- Reliable solution for professional and industrial applications

### **Product gallery:**

