

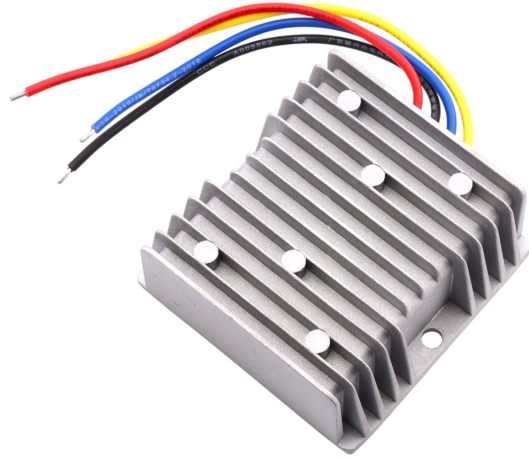
# Voltage converter 9–36V to 12V DC, 10A, 120W, isolated

## Product codes:

Reference: AM4944

EAN13: -

UPC: 85044090



## Product features:

Input voltage: 9-36 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 high-performance isolated DC/DC converter NP-DTDI9-36S1210 is designed for reliable conversion of a wide range of input voltages from 9–36V DC to a stable output voltage of 12V DC. Thanks to galvanic isolation of the input and output, it is suitable for industrial applications, automotive systems, powering sensitive electronics and devices requiring increased safety and interference suppression.

## Technical specifications

- Converter type: isolated DC/DC converter
  - Input voltage: 9-36V 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 body
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- Electrical separation: galvanic isolation input/output

### **Functions and features**

- Wide input voltage range allows use in both 12V and 24V systems
- Galvanic isolation increases safety and protects connected devices
- High output power up to 120W with compact dimensions
- Robust aluminum housing ensures effective heat dissipation
- Increased resistance to moisture, dust and vibration
- Connection using color-coded wires for easy installation

### **Ideal for**

- Automotive and on-board systems
- Industrial equipment and control systems
- Power supply for LED systems and electronic modules
- Telecommunications and security technology
- Applications requiring ground separation and interference reduction

### **Package contents**

- 1x isolated DC/DC converter NP-DTDI9-36S1210

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

- Stable and safe power supply thanks to galvanic isolation
- High power of 120W in a compact design
- Rugged design with IP67 protection for harsh conditions
- Universal use in a wide range of professional applications

### **Product gallery:**

