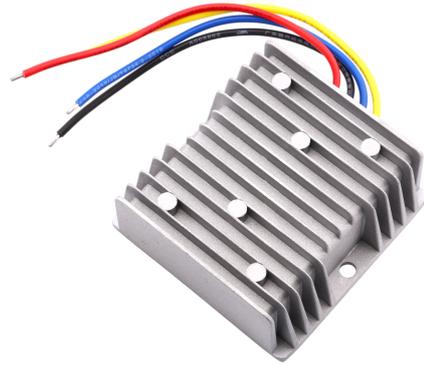


# Voltage converter 50-100V to 36V DC, 3A, 108W, isolated

Reference: AM2086  
EAN13: -  
HS code: 85044090



## Product attributes:

## Product features:

Input voltage: 50-100 V DC  
Output voltage: 36 V DC  
Output current: 3 A  
Output power: 108 W  
Waterproof grade: IP67  
Lifetime: 100,000 hours

## Product description:

The isolated DC/DC converter NP-DTDI50-100S363 is designed for stable and safe conversion of higher DC voltage in the range of 50-100V DC to an output voltage of 36V DC. Thanks to the galvanic isolation of the input and output, it is suitable for professional and industrial applications where high operational safety, reliability and protection of connected devices from interference and ground potential differences are required.

## Technical specifications

- Converter type: isolated DC/DC converter
- Input voltage: 50-100V DC
- Output voltage: 36V DC
- Maximum output current: 3A
- Maximum power: 108W
- Dimensions: 74 × 74 × 32 mm
- Weight: 300g
- Protection: IP67
- Cooling: passive, aluminum housing
- Electrical separation: galvanic isolation input/output

## Functions and features

- Wide input voltage range suitable for high voltage DC systems
- Galvanic isolation increases safety and limits interference transmission
- Stable output voltage of 36V DC over the entire input range
- Compact design with consistent dimensions across the entire inverter range
- Robust construction suitable for demanding operating conditions
- Easy installation with connecting wires

## Ideal for

- Power supply of 36V industrial devices and electronic modules
- Automation and control systems
- Telecommunications and technical equipment
- Powering electronics from 60V to 96V DC distributions
- Applications requiring galvanic isolation of power circuits

## Package contents

- 1x isolated DC/DC converter NP-DTDI50-100S363

## Why choose this product?

- Safe and stable power supply thanks to galvanic isolation
  - Wide input range 50-100V DC
  - Output voltage 36V DC with power up to 108W
  - Compact and durable design for professional use
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