

# Voltage Converter from 10-25V DC to 30V DC, 3A, 90W, IP68

## Product codes:

Reference: AM1578

EAN13: -

UPC: 85044090

## Product features:

Input voltage: 10-25 V DC

Output voltage: 30 V DC

Output current: 3 A

Output power: 90 W

Waterproof grade: IP68

Lifetime: 100,000 hours



## Product attributes:

## Product description:

The NP-DTD1224S303 DC-DC voltage converter is used to convert a direct current input voltage in the range of 10-25V DC to an output voltage of 30V DC. It is designed to power DC devices that require a stabilized voltage of 30V DC and a current of up to 3A under correct wiring and operating conditions.

## Technical Specifications

- Product type: DC-DC voltage converter
  - Model: NP-DTD1224S303
  - Input voltage: 10-25V DC
  - Output voltage: 30V DC
  - Output current: 3A
  - Output power: 90W
  - Certifications: CE, RoHS
  - Protection rating: IP68
  - Dimensions: 74x74x32 mm
  - Weight: 250 g
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## **Features and Properties**

- Conversion of DC voltage from a lower input level to a 30V DC output.
- Designed for use in electrical and electronic circuits with DC power supply.
- Suitable for systems where an input voltage of 10-25V DC is available and the load requires 30V DC.
- Correct input and output polarity must be observed for proper operation.

## **Ideal For**

- Power supply setups with a DC input in the range of 10-25V DC.
- Electronic projects requiring a 30V DC output voltage.
- Service and development applications where DC voltage conversion is needed.
- Integration into devices after verifying the electrical requirements of the connected load.

## **Package Contents**

- 1x DC-DC voltage converter NP-DTD1224S303

## **Why Choose This Product**

- Input range of 10-25V DC and output of 30V DC.
- The 3A output current allows powering loads corresponding to these values.
- The type designation NP-DTD1224S303 allows for clear identification of the converter during circuit design or maintenance.
- Suitable for applications where a direct 30V DC power source is not available.

## **Installation and Operating Instructions**

- Before connecting, verify that the input voltage does not exceed the 10-25V DC range.
- The connected load must match the output values of 30V DC and 3A.
- Observe the correct polarity of both input and output connections.
- Install the converter in a way that prevents short circuits, mechanical damage, or contact with conductive objects.
- Requires professional installation by a person knowledgeable in working with DC power circuits.

## **Safety Warnings**

- Incorrect wiring can cause damage to the converter, the connected load, or the power supply.
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- Overloading, short circuits, or insufficient cooling may result in overheating.
- Do not operate the converter outside the specified 10-25V DC input range.
- Before handling, disconnect the power supply and verify the absence of voltage on the terminals or wires.
- The product is not intended for direct connection to mains voltage.

### Product gallery:

