

# Power supply 48V, 16.7A - 800W

## Product codes:

Reference: AM8079

EAN13: -

UPC: 85044090



## Product features:

Input voltage: 190V-265 V AC, 50/60 Hz

Output voltage: 48 V DC

Output current: 16.7 A

Output power: 800 W

Waterproof grade: IP20

## Product attributes:

## Product description:

Switched industrial power supply designed for installation, especially in distribution cabinets. The power supply has a metal construction with IP20 protection and is equipped with a standard terminal block with screws for connecting the input mains voltage including the ground wire and output DC voltage wires. The design is designed for operation in industrial applications where output stability and the possibility of short-term overload are required.

## Technical specifications

- Input voltage: 190-265 VAC, 50/60 Hz
  - Output voltage: 48V DC
  - Output current: max. 16.7 A
  - Output power: 800 W
  - Short-term overload capability: up to 20-25% (depending on operating conditions)
  - Protections: overvoltage, overload, overheating protection
  - Cooling: active, fan
  - Protection: IP20
  - Cover: metal construction
  - Certification: CE, RoHS
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- Operating temperature: -30 to 50 °C
- Ambient humidity: 0-95%
- Dimensions: 260 x 100 x 56 mm
- Weight: 1020g

### **Functions and features**

- Switching power supply for stable DC power supply from AC mains
- Screw terminal block for connecting input (including PE) and DC output
- Metal design suitable for installation in switchboards and technical cabinets
- Integrated protections for increased operational reliability
- Fanless convection cooling

### **Ideal for**

- Power supply of 48V DC devices in industrial installations
- Switchboards, control systems, automation and technical infrastructure
- Power supply for LED systems and other 48V DC loads (while maintaining current reserves)

### **Package contents**

- Power supply 48V DC 800W

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

- Clearly defined parameters: 48 V DC, up to 16.6 A, 800 W
- Suitable for installation in distribution boards (metal housing, IP20)
- Protective functions against common operating conditions (overvoltage, overload, overheating)
- Maintenance-free operation thanks to convection cooling

### **Installation and operating instructions**

- Install in a dry environment and in accordance with IP20 protection (no protection against water and dust).
- Ensure sufficient airflow for convection cooling and maintain the operating temperature range.
- Make the connection to the screw terminal block, including proper connection of the PE protective conductor.
- When designing the load, consider the possibility of short-term overload only according to operating conditions and with an appropriate margin.

### **Safety notice**

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- The input section operates with a mains voltage of 190–265 VAC. Installation and service may only be performed by a qualified person.
- Before handling, disconnect the power supply and verify that there is no voltage.
- Observe proper fusing, wire sizing, and grounding according to applicable standards and application requirements.

**Product gallery:**

