

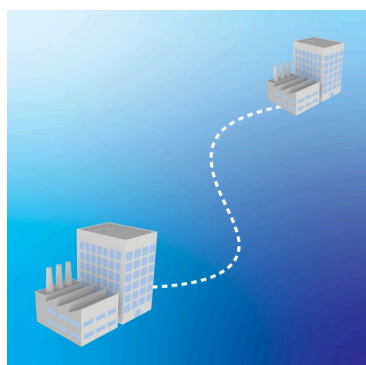


## 480W, 48 – 56V DC, 10A AC to DC DIN-Rail Power Supply with PFC Function

TI-S48048 (V2)

- Industrial power supply with integrated DIN-Rail mount
- Provides up to 480W of power (48V DC, 10A)
- Supported output voltage 48 – 56V DC
- High efficiency 93% and low power dissipation
- 150% peak load capability
- Built-in active Power Factor Controller (PF > 0.96)
- Cooling by natural air convection
- Protections: Overload, short circuit, over power, over voltage, over current, over temperature
- UL 62368 certified
- Built-in DC OK relay contact
- -25° – 70° C (-13° – 158° F) wide operating temperature range

TRENDnet's AC to DC Industrial DIN-Rail Power Supply with PFC Function, model TI-S48048, supplies up to 480W (48V DC, 10A) of power to industrial equipment, such as PoE switches, injectors, and WiFi access points. This DIN-Rail power supply comes with active PFC, an integrated DIN-Rail mount, and overload current protection.



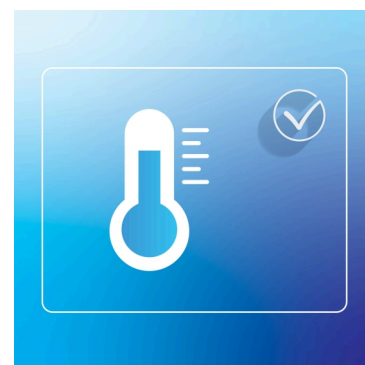
## Industrial Applications

Power network devices for manufacturing, general industrial, warehousing, surveillance, and corporate applications.



## 480W Power

Provides up to 480W (48V DC, 10A) of power for networking devices, such as industrial switches, injectors, and extenders.



## Wide Operating Temperature

Designed for industrial environments with an operating temperature range of -25° – 70° C (-13° – 158° F).

## FEATURES



### 480W Power

Provides up to 480W (48V DC, 10A) of power for PoE devices, such as switches, injectors, and access points.



### Active PFC

Built-in active Power Factor Controller (PFC, PF > 0.96) helps eliminate unusable reactive power



### Protection

Overload, short circuit, over voltage, over current, and over temperature protection



### Passive Cooling

Cooling by natural air convection



### DIN-Rail Mount

Metal enclosure with integrated DIN-Rail mount



### Wide Operating Temperature

Designed for industrial environments with a wide operating temperature range of -25° – 70° C (-13° – 158° F)



### Safety Certifications

UL 62368-1 certified



### Electro Magnetic Emission/Immunity

Certified for CE EMC, FCC, IC and UKCA



### LED Indicator

LED indicator confirms power to the unit

## SPECIFICATIONS

### Interface

- AC Input: 90 – 264V AC, 47 – 63Hz, 6A
- DC Input: 127 – 370V DC
- Output: 480W, 48 – 56V, 0 – 10A
- DIN-rail: TS-35/7.5 or 15

### Housing

- DIN-rail mount
- Power LED indicator

### Special Features

- DC OK relay contact
- 150% peak load capacity
- Protection functions
  - Short circuit
  - Over power
  - Over voltage
  - Over current
  - Over temperature
- Protection type: self-recovery when fault condition removed

### Operating Temperature

- -25° – 70° C (-13° – 158° F)

### Operating Humidity

- Max. 95% non-condensing

### MTBF

- 387,301 hours @ 25° C

### Dimensions

- 54 x 122 x 130mm (2.1 x 4.9 x 5.1 in.)

### Weight

- 1.1kg (2.3 lb.)

### Certifications

- CE
- FCC
- LVD
- UL 62368-1
- CB IEC 62368-1:2018

### Warranty

- 1-year

### Package Contents

- TI-S48048

All references to speed are for comparison purposes only. Product specifications, size, and shape are subject to change without notice, and actual product appearance may differ from that depicted herein.