

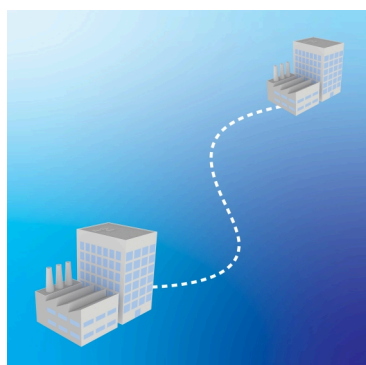


150W, 48 – 56V DC, 3.12A AC to DC DIN-Rail Power Supply with PFC Function

TI-S12048 (V2)

- Industrial power supply with integrated DIN-Rail mount
- Provides up to 150W of power (48V DC, 3.12A)
- 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-S12048, supplies up to 150W (48V DC, 3.12A) 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.



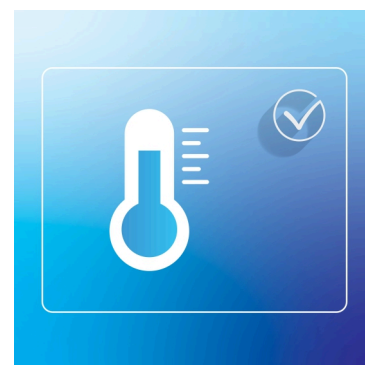
Industrial Applications

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



150W Power

Provides up to 150W (48V DC, 3.12A) 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

150
Watt

150W Power

Provides up to 150W (48V DC, 3.12A) 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, 2.5A
- DC Input: 127 – 370V DC
- Output: 150W, 48 – 56V, 0 – 3.12A
- 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

- 983,619 hours @ 25° C

Dimensions

- 40.5 x 125 x 103.3mm (1.6 x 4.9 x 4 in.)

Weight

- 556g (1.22 lb.)

Certifications

- CE
- FCC
- LVD
- UL 62368-1
- CB IEC 62368-1:2014

Warranty

- 1-year

Package Contents

- TI-S12048

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.