

120 W Single Output Industrial DIN-Rail Power Supply

TI-S12048 (v1.0R)

- Industrial power supply with integrated DIN-rail mount
- Provides up to 120 Watts of power (48 V, 2.5 A)
- Built-in active PFC (PF > 0.93)
- Short circuit/overload/over voltage/over temperature protection
- High efficiency (91%) design
- UL 508 approved
- 100 % full load burn-in test
- Extreme -25 to 70 °C (-13 to 158 °F) operating temperature range

TRENDnet's high efficiency 120 W Single Output Industrial DIN-Rail Power Supply, model TI-S12048 (Mean Well SDR-120-48), supplies up to 120 Watts (48 V, 2.5 A) of power to industrial PoE equipment such as switches, network cameras, and WiFi access points. This power supply comes with active PFC, an integrated DIN-rail mount, and overload current protection.

120 Watt Power
Provides up to 120 Watts (48 V, 2.5 A) of power for PoE devices such as switches, network cameras, and access points

Active PFC
The built-in active Power Factor Controller (PFC, PF > 0.93) helps eliminate unusable reactive power

Overload Protection
Overload/short circuit/over voltage/over temperature protection

Full Load Test
This power supply undergoes a 100 % full load burn-in test

Passive Cooling
Cooling by free air convection

DIN-Rail Mount
Metal enclosure with integrated DIN-rail mount

Extreme Temperatures
Rated for an operating temperature range of -25 to 70 °C (-13 to 158 °F)

Safety Certifications
Certified for UL 508 and TUV EN60950-1

Electro Magnetic Emission/Immunity
Compliance to EN55011, EN55022 (CISPR22), EN61204-3 Class B, EN61000-3-2/3, EN61000-4-2, 3, 4, 5, 6, 8, 11, EN55024, EN61000-6-2, EN61204-3, heavy industry level, criteria A, SEMI F47, and GL approved

Vibration Resistant
Rated for vibration (IEC 60068-2-6)

LED Indicator
LED indicator confirms power to the unit

Specifications

Interface
- Input: 100-240 V AC, 50/60 Hz, 1.8 A 125-370 V DC
- Output: 120 Watts, 48 V, 2.5 A
- DIN-rail: TS-35/7.5 or 15

Housing
- Metal case
- DIN-rail mount
- LED indicator confirms power to the unit

Special Features
- DC OK relay contact
- 150% peak load capacity
- Short circuit/overload/over voltage/over temperature protection
- Protection type: shut down and repower

Operating Temperature
- - 25 to 70 °C (- 13 to 158 °F)

Operating Humidity
- Max. 95 % non-condensing

MTBF
- 2,899,000 hours

Dimensions
- 40 x 125 x 114 mm (1.6 x 4.9 x 4.5 in.)

Weight
- 670 g (23.6 oz.)

Certifications (Mean Well)
- CE
- UL 508CB 60950-1
- TUV EN60950-1

Warranty
- 1 year

Package Contents
- TI-S12048 (Mean Well SDR-120-48)

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Updated: 11/12/2015