

Diverse Industrial Power Supply 48V DC, 120W

DN-PWR12048
EAN 4016032454892



Industrial Power Supply 48V DC, 120W AC-DC, metal case, DIN rail mountable

The economical slim DIN rail power supply series adapt to be installed on TS-35/7.5 or TS-35/15 mounting rails. The series adopts wide range AC input between 90V AC to 264V AC and is design with metal housing, enhancing the unit's power dissipation. DIN rail power supply series offer a working efficiency of 88% and can operate between -20°C ~ 60°C. It is equipped with over-load, short-circuit, over-voltage and over-temperature protection, which makes it a competitive power supply solution for industrial applications.

Compact size and wide temperature range

- 48V DC output voltage
- 2.5A rated output current
- 0 ~ 2.5A current output range
- 120W rated output power
- 120mVp-p ripple and noise
- 48V ~ 55V output voltage adj. range
- $\pm 1.0\%$ output voltage tolerance
- $\pm 0.5\%$ line regulation

- $\pm 1.0\%$ load regulation
- 1200ms, 60ms/230VAC setup, rise time
- 16ms/230VAC hold up time
- 90 ~ 264VAC input voltage range
- 47 ~ 63Hz input frequency range
- 88% typical efficiency
- 1.3A/230VAC typical input AC current
- 35A/230VAC inrush current
- <1mA/240VAC leakage current
- 105 ~ 130% rated output power overload protection
- 56 ~ 65V over voltage protection
- over temperature protection
- $\pm 0.03\%/^{\circ}\text{C}$ temperature coefficient
- Working temperature: -20 ~ +60°C
- Working humidity: 20 ~ 95% RH
- Storage temperature: -40 ~ +85°C

Package contents

- Industrial Power Supply
- QIG (quick installation guide)

| Logistics | | | | | | |
|------------------------------|--------------|-------------|------------|------------|-------------|-----------------|
| | Number (pcs) | Weight (kg) | Depth (cm) | Width (cm) | Height (cm) | cm ³ |
| Packaging Unit Carton | 20 | 13.00 | 29.00 | 29.00 | 29.00 | 24,389.00 |
| Packaging Unit Inside | 1 | 0.65 | 58.00 | 14.00 | 14.00 | 11,368.00 |
| Packaging Unit Single | 1 | 0.65 | 58.00 | 14.00 | 14.00 | 11,368.00 |
| Net single without Packaging | 1 | 0.60 | 40.00 | 13.00 | 12.00 | 0.00 |

More images:

