

48VDC, 480W Outdoor (IP65) Rated Power Supply

GP0160-480

Description

The GP0160-480 is a compact power supply providing up to 480 W (nominal) of DC power at 48 volts. The GP0160-480 is designed for harsh outdoor environments and is housed in an aluminum case and fully-potted with heat-conducting silicone.

Specifications

- General:
 - Universal AC input/full range
 - Protections: Short circuit/Overload/Over-voltage/Over-temperature
 - Cooling by free air convection
 - Ingress Protection – IP65
- Output:
 - DC voltage – 48V
 - Rated current – 10 A
 - Rated power:
 - 480W (up to 50°C @ 110/230Vac)
 - 480W (up to 60°C @ 230Vac)
 - 288W (up to 65°C @ 110/230Vac)
 - Ripple and noise max over 20 MHz measuring range – 250 mV peak-peak
 - Voltage adjustment range – 40.8 to 50.4 V
- Input:
 - Voltage range – 85 – 264 VAC
 - Frequency range – 47 – 63 Hz
 - Efficiency, typical – 95%
- Dimensions: (L/W/H): 262 x 125 x 43.8 mm (10.32 x 4.92 x 1.72 in.)
- Weight: 2.8 Kg (6.17 lb)
- Temperature:
 - Operating: -55 to 65°C (-67 to 149°F)¹
 - Storage: -60 to 80°C (-76 to 176°F)
- Humidity:
 - Operating: 20 - 95% (non-condensing)
 - Storage: 10 - 95% (non-condensing)
- MTBF: 1,036,800 hours, Telcordia SR-332
- Regulatory compliance:
 - CE, FCC
- Safety Standards:
 - UL62368-1
- Country of Origin:
 - Taiwan

¹ Refer to Output - Rated Power section for derating numbers

