

48VDC, 185W Outdoor (IP65) Rated Power Supply

GP0160-185

Description

The GP0160-185 is a compact power supply providing up to 185 W (nominal) of DC power at 48 volts. The GP0160-185 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 – 3.9 A
 - Rated power:
 - 187.2W (up to 60°C @ 110/230Vac)
 - 112.3W (between 60-70°C @ 110/230Vac)
 - Ripple and noise max over 20 MHz measuring range – 200 mV peak-peak
 - Voltage adjustment range – 43 to 53 V
- Input:
 - Voltage range – 85 – 264 VAC
 - Frequency range – 47 – 63 Hz
 - Efficiency, typical – 94%
- Dimensions: (L/W/H): 228 x 68 x 38.8 mm (8.98 x 2.68 x 1.53 in.)
- Weight: 1.15 Kg (2.54 lb)
- Temperature:
 - Operating: -55 to 70°C (-67 to 158°F)¹
 - Storage: -60 to 80°C (-76 to 176°F)
- ¹ Refer to Output - Rated Power section for derating numbers
- Humidity:
 - Operating: 20 - 95% (non-condensing)
 - Storage: 10 - 95% (non-condensing)
- MTBF: 1,967,400 hours, Telcordia SR-332

- Regulatory compliance:

- CE, FCC

- Safety Standards:

- UL62368-1

- Country of Origin:

- Taiwan



Top side view



Under side view