

2.2 Technical Specifications

Table 2: Environmental Specifications

Parameter	Specifications
Operating Temperature @ 50W	-20°C to 50°C (-4°F to 122°F)
Operating Temperature @ 40W	-20°C to 65°C (-4°F to 149°F)
Storage Temperature	-40°C to 85°C (-40°F to 185°F)
Altitude	-60 m to 3050 m (-200 ft to 10,000 ft)
Humidity	20 - 80% non-condensing
Height	16.2 cm (6.375")
Width	3.8 cm (1.5")
Depth	20.3 cm (8.0")
Weight	1 kg (2.2 lbs)

**Table 3: Electrical Specifications
(measured at 25°C or 77°F, 50% R.H.)**

Parameter	Specifications
Input AC voltage	85 to 130 V _{rms}
Input AC frequency	60 Hz nominal
Input DC voltage	105 to 150 Vdc
Output DC voltage	-48 Vdc ± 3 Vdc
Maximum output current	1.04A at -48 Vdc
Maximum output power	50 W, derated at 0.6 W/°C (0.3 W/°F) above 50°C (122°F)
Power dissipation	30% of power to load
Output ripple voltage (120 Hz)	Less than 100 mV _{pp}
Switching noise	Less than 200 mV _{pp}
Efficiency	75%
Load regulation	Better than 2%
Line regulation	Better than 0.1%
In rush current	18 A maximum for 0.005 msec.
Alarm Contact Rating	2A @ 30 Vdc, 0.5A @125 Vac.