

## 2.3 Technical Specifications

**Table 2: Model 751316 Electrical Specifications**

(measured at 25°C or 77°F, 50% R.H.)

Parameter	Specifications
Input DC voltage	42 to 60 Vdc
Output DC voltage	-28 Vdc $\pm$ 3 Vdc (factory set to -27 Vdc)
Maximum output current	2.5 A at -27 Vdc
Maximum output power	75 W, derated at 0.344 W/°F (0.62 W/°C) above 113°F (45°C)
Power dissipation	25% of power to load, or 20% of input power
Output ripple voltage (120 Hz)	Less than 75 mV <sub>pp</sub>
Switching noise	Less than 0.2 V <sub>pp</sub>
Efficiency	80%
Load regulation	Better than 1%
Line regulation	Better than 0.1%
Overvoltage protection	60 Vdc
Thermal shutdown	75°C (167°F)
Soft start	2 A maximum

**Table 3: Model 751316 Physical Specifications**

Parameter	Specifications
Operating temperature range	-20°C to +65°C (-4°F to +149°F)
Height	16.2 cm (6.375")
Width	3.8 cm 1.5"
Depth	20.3 cm (8.0")
Weight	1.0 kg (2.2 lbs)