

3. Technical Specifications

For a listing of the card's electrical specifications, refer to Table 2. For a listing of the card's physical specifications, refer to Table 3.

Table 2 Electrical Specifications (measured at 77°F or 25°C, 50% R.H.)

Parameter	Specifications
Input DC voltage	21 to 27 V dc
Output DC voltage	-28 V dc \pm 3 V dc (factory set to -27 V dc)
Maximum output current	2.5 A at -27 V dc (-20°C to +65°C)
Maximum output power	68 Watt
Power dissipation	25% of power to load, or 20% of input power
Switching noise at 1A	Less than 0.2 V _{pp}
Efficiency	80%
Load regulation	Better than 1%
Line regulation	Better than 0.2%
Overvoltage protection	32 V dc \pm 2 V dc.
Thermal shutdown	167°F (75°C)
Input/Output	1.5 KV

Table 3 Physical Specifications

Parameter	Specifications
Operating temperature range	-4°F to +149°F (-20°C to +65°C)
Height	6.375" (16.1925 cm)
Width	1.5" (3.81 cm)
Depth	8.0" (20.32 cm)
Weight	2.17 lbs (0.984 kg)