

## 2.1.7 Power/Access Card Specifications

**Table 3: Environmental Specifications**

Parameter	Specification
Operating Temperature	-40°F to 140°F (-40°C to 60°C)
Storage Temperature	-40°F to 185°F (-40°C to 85°C)
Humidity (non-condensing)	15% to 90%
Altitude	-200 ft to 13,000 ft (-61 m to 3965 m)

**Table 4: Electrical Specifications**

Parameter	Specification
Shelf Voltage Input	129 Vdc (112 Vdc to 145 Vdc) 120 Vac (114 Vac to 125 Vac)
Maximum Output Power	50W up to 40°C (104°F) then derates to 30W at 60°C (140°F)
Maximum Input Current	0.5A at 50W output 0.3A at 30W output
Load Regulation	better than 1.5%
Line Regulation	better than 0.1%
Inrush Current	33A peak for 5 usec
Output Ripple	less than 100mVpp
Switching Noise	less than 100mVpp
Power Dissipation	30% of power to load
Shelf Maximum Current	1 A
Alarm Contact Rating	62.5VA, 125Vac, 2A

**NOTE**

Unit shuts down if internal temperature rises above 100°C (212°F).