

### Input Specifications

- Rated Voltage 100 to 240 VAC
- Variation Range 90 to 264 VAC
- Rate Frequency 50 to 60 Hz
- Variation Frequency 47 to 63 Hz
- Input Current 2 A rms (Max.) at lowest rated input voltage and max. output rated load
- Inrush Current 30 A (Max.) cold start at -48 VDC input, with rated load at 30°C
- AC Leakage Current 3.5 mA

### Output Specifications

- Output Voltage +56 VDC
- Variation Range +56 to +56.6 VDC
- Output Current 0 to 1.1 A
- Peak Current 0.8 to 1.1 A
- Output Power 60 W
- Line Regulation ±3%
- Load Regulation ±5%
- Ripple and Noise 200 mVp-p
- Turn on Delay Time 2 s (Max.)
- Rise Time 40 ms (Max.)
- Hold Up Time 5 ms (Min.)
- Efficiency 80% (Min.)
- Overshoot 15% (Max.)

### Protection Specifications

- Short Circuit Protection with auto recovery
- Over Current Protection with auto recovery
- Over Voltage Protection

### Environmental Specifications

- Operating Temperature -10 °C to +40 °C
- Storage Temperature -20 °C to +85 °C
- Relative Humidity 5 to 90%

### Safety Specifications

- Dielectric Strength 3000 VDC/5 mA/ s
- Safety Standards EN60950
- EMC FCC Part 15 Class B  
EN55022 Class B

### Mechanical Specifications

- Dimension 123 x 61 x 40 mm (Net)  
465 x 300 x 190 (Gross)
- Weight 254 g (Net)

### Reliability Specifications

- Operating Vibration IEC 721-3-3 3M3
- Transportation Vibration IEC 721-3-2 2M2
- Vibration Test 10 cycles per axis
- Drop Test 76 cm



### Product Label



### Product Ordering Information

#### 56VDC PoE Injector for A8n, A8 and A3 Series (Part No.: SD.PE-8N00-00)

- PoE Injector for A8n, A8 or A3 Series
- Excluding power cord and Ethernet cable

#### Contact Us

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