



## Single Port 15.4W Power over Ethernet Desktop POE15M-560 Passive Power Injector



### Features

- No Detection – passive injector
- Non-Vented Case
- Small case size
- 1 Year Warranty
- Gigabit data rates
- Full Protection OCP, OVP
- Level VI Efficient
- Low Cost

### Applications

- IP Telephones
- Wireless Network Access Points
- Security Cameras

### Safety Approvals

- cUL/UL 60950
- IEC/EN 60950-1
- CE
- LPS

### Mechanical Characteristics

- Length: 106mm (4.17in)
- Width: 40mm (1.57in)
- Height: 27mm (1.1in)
- Weight: 100g (3.5oz.)

### Output Specifications

Model	DC Output Voltage	Load		Regulation		Input Connector	Output Power
		Min.	Max.	Line	Load		
POE15M-560	56V	0A	0.275A	±5%		C6	15.4W

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**INPUT:****AC Input Voltage Range**

90 to 264VAC

**AC Input Voltage Rating**

100 to 240VAC

**AC Input Current**

0.5A (RMS) max for 90VAC

0.35A (RMS) max for 240VAC

**Leakage Current**

0.25mA max @ 254VAC 60Hz

**AC Input Frequency**

47-63Hz

**AC Inrush Current**

30A for 115VAC @max load

60A for 230VAC @max load

**No Load Power Consumption**

&lt;100mW at 115Vac

&lt;75mW at 230Vac

**OUTPUT:****Total Output Power**

15.4W

**Ripple and Regulation**

200mV max @25C, 115VAC, 60Hz &amp;

230VAC, 50Hz

**Efficiency**

Meets Level VI requirements

**Hold-up time:**

16mS min at max load and 120VAC, 60Hz

**ENVIRONMENTAL:****Temperature**

Operation -20 to +50°C

Non-operation -25 to +75°C

Humidity 5 to 90%

**EMC**

FCC Part 15 Class B

EN55022 Class B

**Immunity EN50082-1**

ESD: EN61000-4-2. Level 3

RS: EN61000-4-3. Level 2

EFT: EN61000-4-4. Level 2

Surge: EN61000-4-5. Level 3

CS: EN61000-4-6. Level 2

Voltage Dips EN61000-4-11

Harmonic: EN61000-3-2 Class A

**Isolation Test**

Primary to Secondary: 3000VAC for 1

second 10mA

**Insulation Resistance**

Primary to Secondary: &gt;10M OHM

500VDC

**FEATURES:****Over Voltage Protection**

Voltage between 2 SELV conductors shall not exceed 42.4Vpk or 60VDC for longer than 0.2 sec. Limit of 71 VPK or 120VDC shall not be exceeded – latching.

**Over Current Protection**

≤400mA

**Short Circuit Protection**

Continuous, no damage

**Indicator**

Solid BLUE: Power “ON”

**Data in/Output Connector**

RJ45

E option = Earth grounded shielded Rj45 connectors

**Output Connection**

+pin 3,6 / -pins 1,2

