



## Single Port 15.4W Power over Ethernet Wall Plug Passive Power Injector with Interchangeable Clips



### Features

- No Detection – passive injector
- Non-Vented Case
- Field Interchangeable AC Clips
- 1 Year Warranty
- Gigabit data rates
- Full Protection OCP, OVP
- Level VI Efficient
- Fully compliant to isolation requirements IEEE802.3

### Applications

- IP Telephones
- Wireless Network Access Points
- Blue Tooth Access Points
- Security Cameras
- IP Print Servers

### Safety Approvals

- cUL/UL 60950-2<sup>nd</sup>
- IEC/EN 60950-1
- CE
- LPS

### Mechanical Characteristics

- Length: 80mm (3.15in)
- Width: 45mm (1.77in)
- Height: 33mm (1.29in)
- Weight: 114g (4 oz.)

### Output Specifications

Model	DC Output Voltage	Load		Regulation		Output Power
		Min.	Max.	Line	Load	
POE16R-560L6	56V	0A	0.275A	±5%		15.4W

(1) Interchangeable AC clips sold separately

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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 (RMS) max for 115VAC  
60A (RMS) max for 230VAC

**No Load Power Consumption**  
<0.1W

**OUTPUT:**  
**Total Output Power**  
15.4W

**Ripple and Regulation**  
600mV max

**Efficiency**  
DOE Level VI

**Hold-up time:**  
10mS min at max load and 120VAC, 60Hz

**ENVIRONMENTAL:**

**Temperature**  
Operation -20 to +50°C  
Non-operation -20 to +70°C  
Humidity 5 to 90%

**EMI**

FCC Part 15 Class B  
EN55022 Class B

**Immunity EN50082-1**

ESD: IEC61000-4-2. Level 3  
RS: IEC61000-4-3. Level 2  
EFT: IEC61000-4-4. Level 2  
Surge: IEC61000-4-5. Level 3  
CS: IEC61000-4-6. Level 2  
Voltage Dips IEC61000-4-11  
Harmonic: IEC61000-3-2 Class A

**Isolation Test**

Primary to Secondary: 3000VAC for 1 second 10mA

**Insulation Resistance**

Primary to Secondary: >10M OHM  
500VDC

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

Voltage between 2 SELV conductors shall not exceed 42.4Vpk or 60VDC for longer than 0.2 secs. Shall not exceed 71Vpk or 120VDC

**Over Current Protection**

< 600ma. Output equipped with short circuit protection – Auto Restart

**Short Circuit Protection**

The output can be shorted permanently without damage.

**Indicator**

Solid Blue: Power “ON”

**Data in/Output Connector**

RJ45

**Output Connection**

+pin 3,6 / -pins 1,2

Interchangeable AC Clips (Sold Separately)

RPA:	US	RPI:	India
RPB:	Brazil	RPK:	UK
RPC:	China	RPN:	Argentina
RPE:	Europe	RPS:	Australia
RPH:	Korea	RPX:	C8

Dimensional Diagram Unit: mm

