



## Single Port 16W Power over Ethernet Wall Plug Adapter POE16R-560 Passive Power Injector with Interchangeable Clips



### Features

- No Detection
- Non-Vented Case
- Field Interchangeable AC Clips
- 1 Year Warranty
- IEEE802.3af compliant
- Full Protection OCP, OVP
- Level V Efficient
- Lowest Cost

### Applications

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

### Safety Approvals

- cUL/UL
- C-Tick
- CE
- SAA

### Mechanical Characteristics

- Length: 80mm (3.15in)
- Width: 45mm (1.77in)
- Height: 33mm (1.29in)
- Weight: 95g (3.35oz.)

### Output Specifications

Model <sup>(2)</sup>	DC Output Voltage	Load		Regulation		Output Power
		Min.	Max.	Line	Load	
POE16R-560	56V	0A	0.286A	±5%		16W
POE16R-560G	56V	0A	0.286A	±5%		16W

- (1) Interchangeable AC clips sold separately  
 (2) G model is gigabit compatible

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**INPUT:**

**AC Input Voltage Range**  
90 to 264VAC

**AC Input Voltage Rating**  
100 to 240VAC

**AC Input Current**  
0.8A (RMS) maximum for 120VAC  
0.5A (RMS) maximum for 240VAC

**Leakage Current**  
0.25mA maximum @ 254VAC 60Hz

**AC Input Frequency**  
47-63Hz

**AC Inrush Current**  
60A (RMS) maximum for 240VAC

**No Load Power Consumption**  
>0.3W

**OUTPUT:**

**Total Output Power**  
16W

**Ripple and Regulation**  
100mV maximum

**Efficiency**  
>80% at maximum load, and 120VAC 60Hz  
Meets Level V requirements

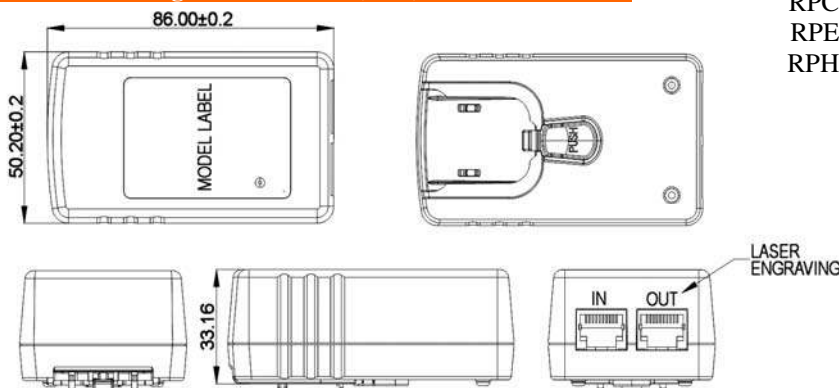
**Hold-up time:**  
10mS minimum at maximum load and 120VAC, 60Hz

**ENVIRONMENTAL:**

**Temperature**

Operation	0 to +40°C
Non-operation	-25 to +65°C
Humidity	5 to 90%

**Dimension Diagram Unit: mm (inch)**



**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: >10M OHM 500VDC

**FEATURE:**

**Over Voltage/Current, Short Circuit Protection**

The output is equipped with short circuit protection and overload protection as per IEEE802.3af specifications and conforms to UL60950-2. The output can be shorted permanently without damage. This unit is not equipped with detection and may not be used in situation where it may be connected to non-PoE ready devices.

**Indicator**

Solid Green: Power "ON"

**Data in/Output Connector**

RJ45

**Output Connection**

+pin 4,5 / -pins 7,8

**Warranty**

1 Year

**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