



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



EN14939



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 ⁽²⁾	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%

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

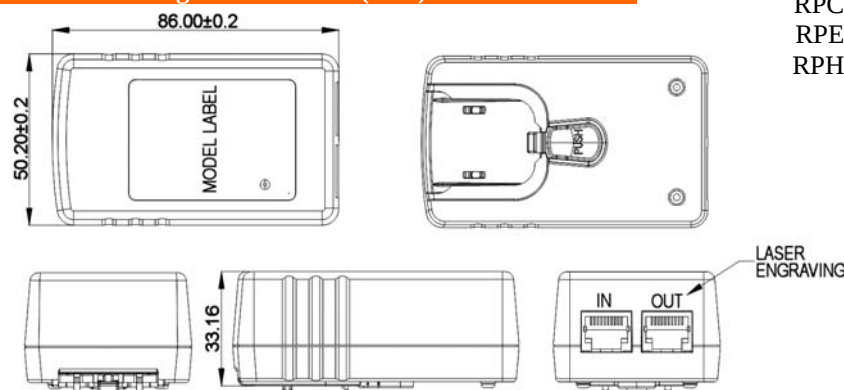
+pin 4,5 / -pins 7,8

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

Dimension Diagram Unit: mm (inch)


Mouser Electronics

Authorized Distributor

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[POE16R-560-R](#) [POE16R-560G-R](#)