



## Single Port 15.4W Power over Ethernet Interchangeable Wall Plug\* Adapter Passive Power Injector



\*plugs sold separately

### 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 60950-1
- 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-R	56V	0A	0.275A	±5%		15.4W

Phihong is not responsible for any error, and reserves the right to make changes without notice. Please visit our website at [www.phihong.com](http://www.phihong.com) for the most up-to-date specifications and contact information.

**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**

Complies with FCC Class B  
Complies with EN55032 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

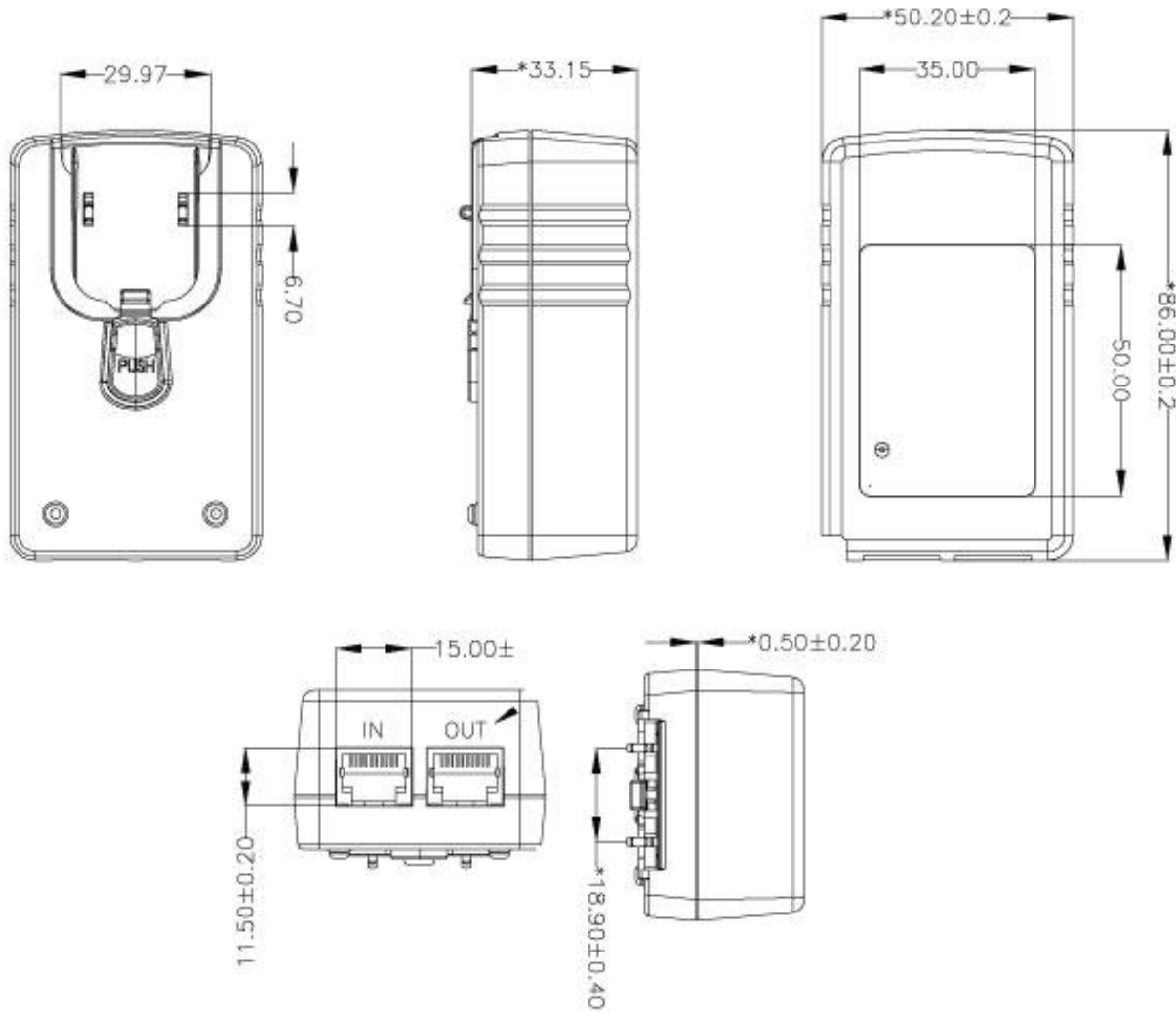
**Output Connection**

+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



**Supplier's Declaration of Conformity**  
**47 CFR § 2.1077 Compliance Information**

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NOTE: This model has/The models in this products series have been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

Changes or modifications to equipment not expressly approved by PHIHONG could void the user's authority to operate the equipment.