



## 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-R	56V	0A	0.275A	±5%		C6	15.4W
POE15M-560E-R <sup>1</sup>	56V	0A	0.275A	±5%		C6	15.4W

Notes: 1. Shielded RJ45

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 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**

Complies with FCC Class B

Complies with EN55032 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**

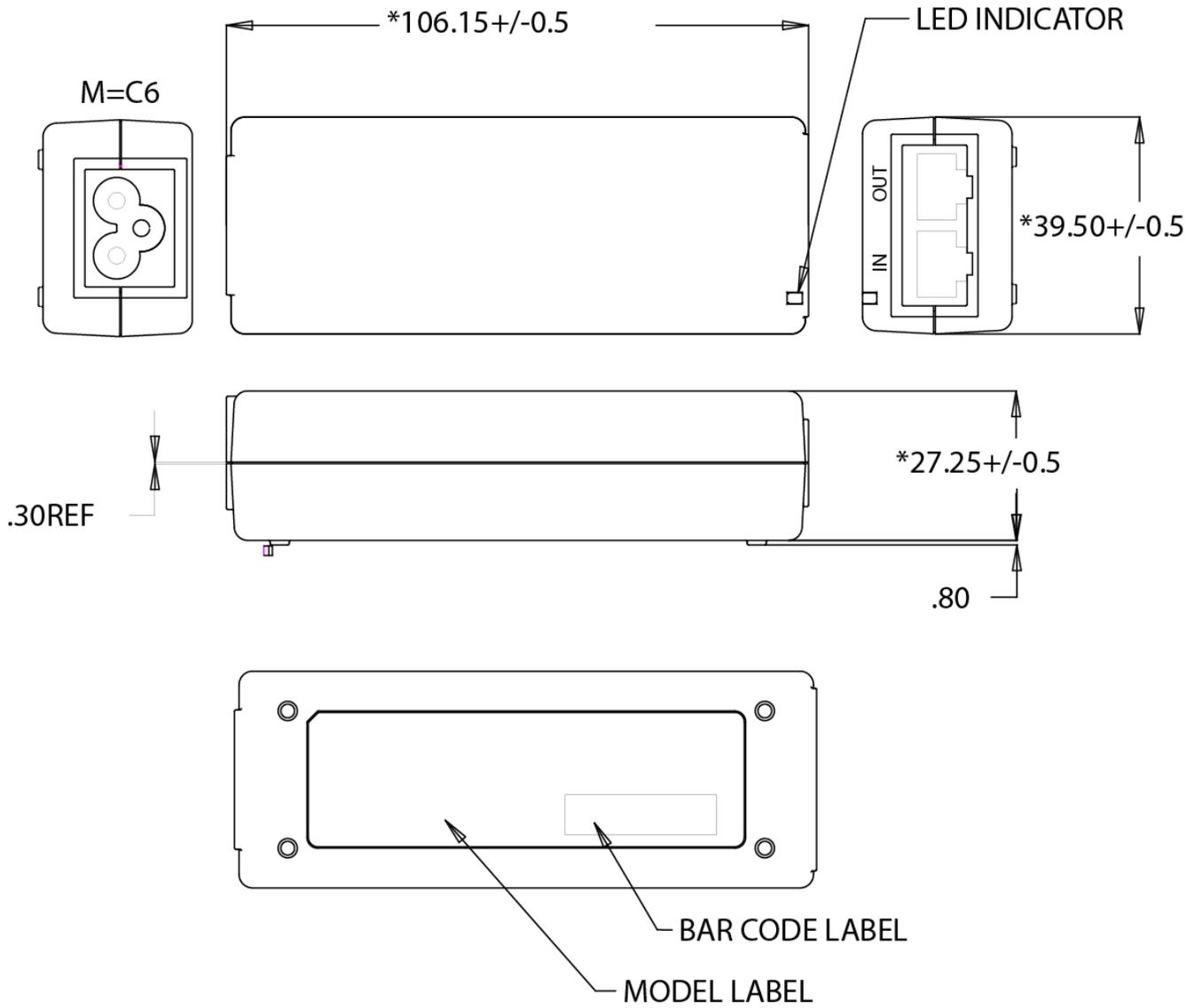
Solid BLUE: Power “ON”

**Data in/Output Connector**

RJ45

E option = Earth grounded shielded Rj45  
connectors**Output Connection**

+pin 3,6 / -pins 1,2



**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.