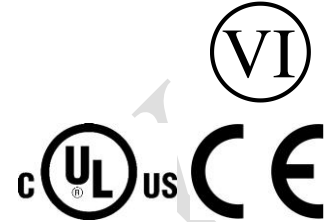




60W Single Port Multi -Gig Passive Power over Ethernet Midspan



Features

- Compliant with Phihong Proprietary 12.5K Detection
- Non-Vented Case
- 4 Pair Powering +3,6,4,5 / - 1,2,7,8
- Single Source 4 Pair Power Current Sharing
- Limited Power Source
- Full Protection OVP, OCP
- Broken Wire Detection
- Gigabit Compatible
- 1 Year Warranty

Applications

- IP Telephones
- Wireless Access Points
- Bluetooth® Access Points
- Security Cameras
- IP Print Servers
- WiMAX® Access Points

Safety Approvals

- cUL/UL
- CE

Mechanical Characteristics

- Length: 140mm (5.51in.)
- Width: 65mm (2.55in.)
- Height: 36mm (1.42in.)
- Weight: 0.25Kg (0.47lbs)

Output Specifications

Model	AC Input	Data Rate	DC Output Voltage	Load		Regulation ¹	
				Min.	Max. ²	Line	Load
POE60U-560-R ³	3 Wire C14	10/100/1000	56V	10mA	1.07A	+56VDC +1V/-3V (57-53VDC)	
POE60U-560E-R	3 Wire C14	10/100/1000	56V	10mA	1.07A	+56VDC +1V/-3V (57-53VDC)	
POE60U-560-2-R	3 Wire C14	10/100/1000/2500	56V	10mA	1.07A	+56VDC +1V/-3V (57-53VDC)	
POE60U-560-5-R	3 Wire C14	10/100/1000/2500/5000	56V	10mA	1.07A	+56VDC +1V/-3V (57-53VDC)	
POE60U-560-X-R	3 Wire C14	10/100/1000/2500/5000/10000	56V	10mA	1.07A	+56VDC +1V/-3V (57-53VDC)	

Notes:

1. Voltage measured within 2” of the output RJ45 connector on data pairs 3,6(+) and 1,2(-)
2. Combined output on data pairs and spare pairs. Otherwise 535mA on data pairs 3,6(+) 1, 2(-) and spare pairs 4,5(+) 7,8(-)
3. Unshielded RJ45 jack

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

INPUT:**AC Input Voltage Range**

90VAC to 264VAC

AC Input Voltage Rating

100 to 240VAC

AC Input Current

2.0A (RMS) max for 90VAC

1.2A (RMS) max for 240VAC

Leakage Current

3.5mA max @ 254VAC/50Hz

AC Inrush Current

40A (RMS) max for 115VAC

80A (RMS) max for 240VAC

OUTPUT:**Total Output Power**

60W @40C

30W @50C

15W@60C

Output Ripple

200mV max @25°C

Efficiency

80% (typical) at max load,120VAC 60Hz

Hold-up Time

10mS min. 120VAC/60Hz max load

ENVIRONMENTAL:**Temperature**

Operation -10°C to +60°C for 60W

Non-operation -20°C to +65°C

Humidity 5 to 90%

EMI

Complies with FCC Part 15 Class B

Complies with EN55032 Class B

Isolation Test

Primary to Secondary: 4242VDC for 1min

10mA

Primary to Field Ground: 2121VDC for 1min,

10mA

Immunity

ESD: IEC61000-4-2. Level 3

RS: IEC61000-4-3. Level 3

EFT: IEC61000-4-4. Level 2

Surge: IEC61000-4-5. Level 3

CS: IEC61000-4-6. Level 2

Voltage Dips IEC61000-4-11 Class 3

Harmonic: IEC61000-3-2 Class A

Insulation Resistance

Primary to Secondary: >10M OHM 500VDC

Primary to Field Ground: >10M OHM

500VDC

FEATURES:**Over Current Protection**

Output #1(OUT) <650mA

Output #2(OUT) <650mA

Output #1 and #2 Combined(OUT) <1300mA

Over Voltage Protection

Meets UL requirements

Short Circuit Protection

Output can be shorted permanently without damage

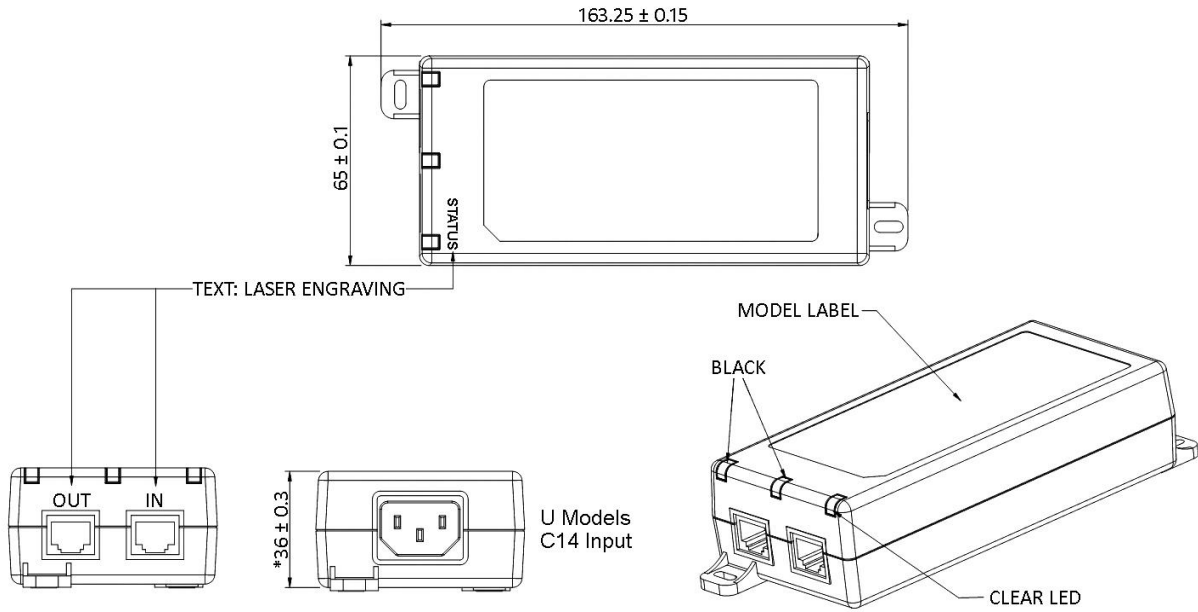
LED Indicators*Blue Solid* - Power good and output "ON"**Input Connector**

IEC320 inlet 3 pin

Output Connection

+pins 3,6,4,5 / -pins 1,2,7,8

Dimension Diagram Unit: mm



PRELIMINARY

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

Phihong USA Corporation
47800 Fremont Boulevard
Fremont, CA 94538
Telephone: (510) 445-0100
www.phihong.com

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.