4/8 Ports 60W per Port Midspan
POE480U for 10/100/1000 Base-T Networks

Features

- Proprietary Detection, Disconnect and Overload Protection
- Low Cost
- Gigabit Compatible
- No Power Management required
- Full Power -- 60W per Port
- 19" Rack Mounting Kit Ships with Unit
- Full Protection OTP, OCP, OVP
- 48V RPS Input (Optional)
- 1-Year Warranty[1]

Applications

- Wireless Access Points
- Computer Workstations
- Security Systems
- IP Cameras

Safety Approvals

- cUL/UL
- CE

Mechanical Characteristics

- Length: 438mm (17.25in)
- Width: 228mm (8.98in)
- Height: 44.5 mm (1.75in)
- Weight: 1.0Kg (2.5lbs)

Output Specifications

Model	Number of Ports
POE480U-4UP-R	4
POE480U-8UP-R	8

Notes:
1. Effective January 1, 2019, warranty is valid for one year from purchase date. Optional extended warranties available-please consult factory for more information

Reference files: Multiport_Midspan_Installation_Manual.pdf

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
90 to 264VAC

Input Frequency
47-63Hz

Input Current:
7.5A (RMS) max for 90VAC
3A (RMS) max for 240VAC

Leakage Current
3.5mA max @ 254VAC 60Hz

AC Inrush Current
30A (RMS) max for 115VAC

DC Input (Optional)
Voltage Range
44-57VDC. Source should be SELV and isolated from ground by 1500Vac

Input Current
10A Max

OUTPUT:

Output Power
60W per port
240-480W Total Power

Ripple and Regulation
100mV maximum

Efficiency
75% (typical) at max load, 120VAC 60Hz

Hold-up Time
16mS min. at max load, 120 VAC 60Hz

Transient O/P Voltage Protection
60V max at switch on/off at any AC line Phase

Turn-On Delay Time
10 sec max at max load, and 120VAC 60Hz, 25Hz

ENVIRONMENTAL:

Temperature

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

EMI
EN55022 Class B, FCC Class B with FTP cabling
EN55022 Class A, FCC Class A with UTP cabling

Isolation Test
Primary to Secondary: 4242VDC for 1 minute
Primary to Ground: 2121VDC for 1 minute
Secondary to Ground: 2121VDC for 1 minute

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

FEATURES:

Over Voltage/Current, Short Circuit Protection
The output can be shorted permanently without damage.

Over Temperature Protection
Automatic shutdown without damage

Indicators
Green LED: Power detected “CONNECT” at 60W
Yellow LED: Fault detected

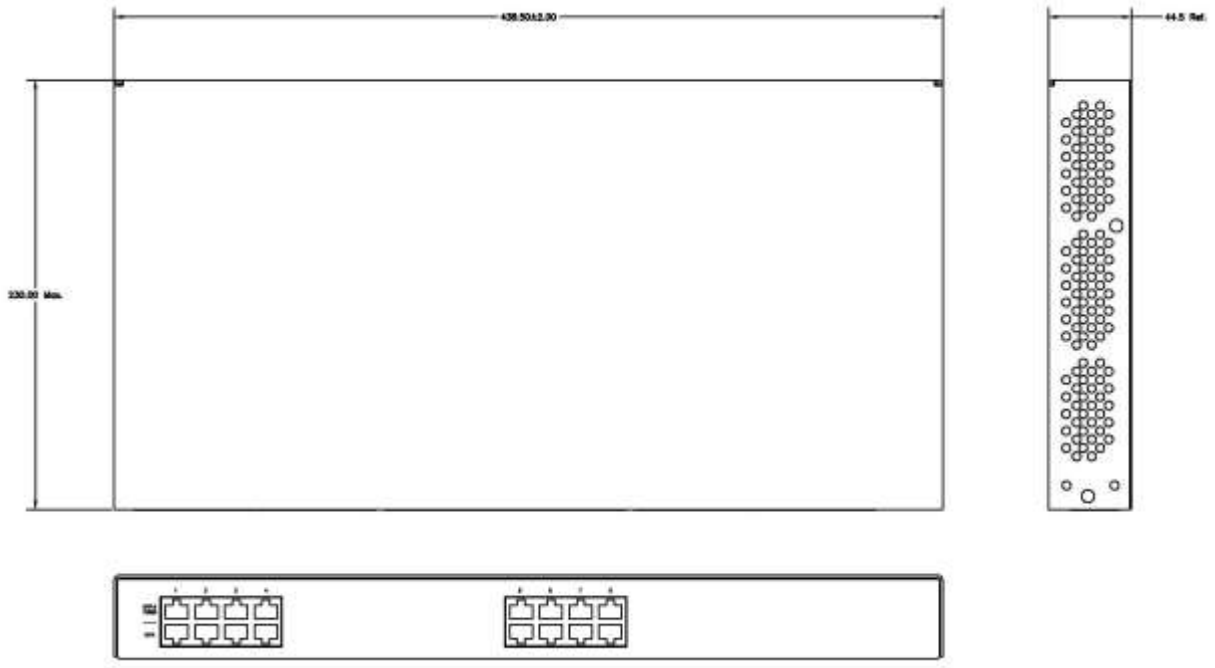
POE480U-UP Characteristics WWW.PHIHONG.COM

USB Diagnostics Port and NIC Interface
USB “B” port for diagnostics and manual port control
Windows GUI
NIC interface for remote management via secure IP access

Input Connector
AC Input IEC320 C14
DC Input Molex 39-30-0060

Output Connection
4-pair powering for full power:
Pines 3, 6, 4 5(+)
Pines 1, 2, 7, 8 (-)

Dimension Diagram: 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.