



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



Features	
<ul style="list-style-type: none"> Proprietary Detection, Disconnect and Overload Protection Low Cost Gigabit Compatible 1U Rack Mountable 	<ul style="list-style-type: none"> Full Power -- 60W per Port No Power Management required Full Protection OTP, OCP, OVP 48V RPS Input (Optional) Mounting Kit Ships with Unit
Applications	
<ul style="list-style-type: none"> Wireless Access Points Computer Workstations 	<ul style="list-style-type: none"> Security Systems IP Cameras
Safety Approvals	
<ul style="list-style-type: none"> cUL/UL CE 	
Mechanical Characteristics	
<ul style="list-style-type: none"> Length: 438mm (17.25in) Width: 228mm (8.98in) 	<ul style="list-style-type: none"> Height: 44.5 mm (1.75in) Weight: 1.0Kg (2.5lbs)
Output Specifications	

Model	Number of Ports
POE480U-4UP (xxx)	4
POE480U-8UP (xxx)	8

Options: xxx= **RPS** for AC and DC input, **DC** for DC only, Neither **RPS** or **DC** is AC input only:

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) maximum for 90VAC

3A (RMS) maximum for 240VAC

Leakage Current: 3.5mA maximum @ 254VAC 60Hz

AC Inrush Current:

30A (RMS) maximum for 115VAC

DC Input (Optional)

Voltage Range 44-57Vdc

Source should be SELV and isolated from ground by 1500Vac

Input Current 10A Max

OUTPUT:**Total Output Power**

60W per port

240-480W Total Power

Ripple and Regulation

100mV maximum

Efficiency

75% (typical) at maximum load, and 120VAC 60Hz

Hold-up Time

16mS min. at maximum load, and 120 VAC 60Hz

Transient O/P Voltage Protection

60V maximum at switch on and off at any AC line Phase

Turn-On Delay Time

10 sec maximum at maximum load, and 120VAC 60Hz, 25Hz

ENVIRONMENTAL:**Temperature**

Operation 0 to +40°C

Non-operation -25 to +65°C

Humidity

Operation 5 to 90%

Non-Operation 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

IEEE 802.3af Interoperability

If 25kohm is detected the unit operates in “IEEE802.3at mode” 33.6W 2 pair powering. 12.5k detection resistance required for full power UNH Interoperability report available upon request

FEATURES:**Over Voltage/Current, Short Circuit Protection**

Outputs equipped with short circuit protection and overload protection as per 802.3af specifications

The output can be shorted permanently without damage

Over Temperature Protection

Automatic shutdown without damage

Indicators

Green LED: Power detected “CONNECT” at 60W

Flashing GREEN: IEEE802.3at detected “CONNECT” at 30W

Yellow LED: Fault detected

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

