



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

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	4
POE480U-8UP	8

Reference files: [Multiport Midspan Installation Manual.pdf](#)

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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

IEEE 802.3af Interoperability

12.5k detection resistance required for full power

UNH Interoperability report available upon request

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

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

