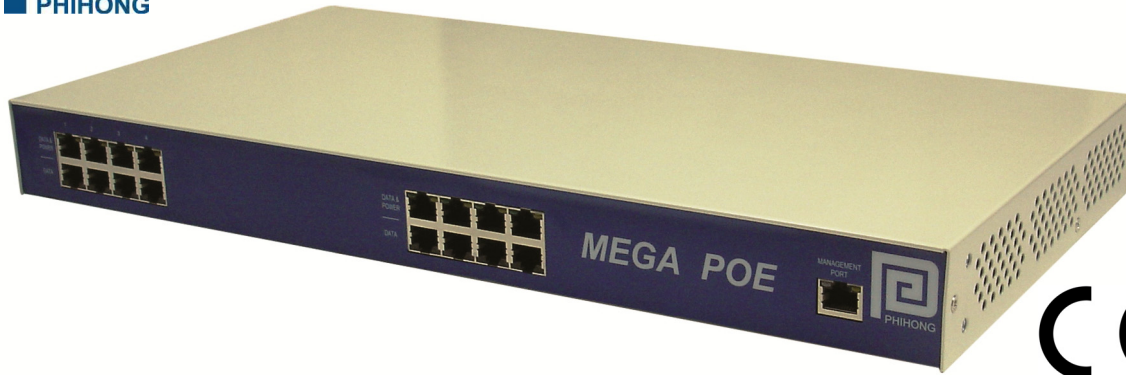




## 8-Port 95W per Port Midspan Mega Power over Ethernet Midspan



### Features

- Proprietary Detection (12.5K), Disconnect and Overload Protection
- SNMP v2c Management
- Mega PoE 95W per Port
- Diagnostic LEDs
- 1U Rack Mounting Kit Ships with Unit
- Fully Compliant Detection, disconnect and Voltage Control per IEEE802.3at
- Gigabit Compatible
- Full Protection OCP, OVP
- Limited Power Source
- 1 Year Warranty

### Applications

- Wireless Access Points
- Computer Workstations
- Kiosks
- Security Systems
- IP Cameras
- Magnetic Locks

### Safety Approvals

- CE
- cUL/UL

### Mechanical Characteristics

- Length: 438mm (17.25in)
- Width: 228mm (8.98in)
- Height: 44.5mm (1.75in)
- 3.8Kg (8.5lbs)

### Output Specifications

Model <sup>(1)</sup>	DC Output Voltage	Load		Output Power per Port
		Min.	Max. <sup>(2)</sup>	
POE806U-8MP-N-R	56V	15mA	1.69A	95W

Note (1): Model without SNMP management available upon special request.

Note (2): Max load applies to compliant load at 12.5K detection. If operating at 25K “IEEE802.3at mode” max load is 0.6A

**INPUT:**

**AC Input Voltage Rating**  
100 to 240VAC

**AC Input Voltage Range**  
90 to 264VAC

**AC Input Current**  
15.0A (RMS) 90VAC at maximum load  
10.0A (RMS) 230VAC at maximum load

**AC Input Frequency**  
47 to 63Hz

**Leakage Current**  
< 3.5mA maximum at 264VAC, 60Hz

**Max In-Rush Current:**  
30A for 115VAC at maximum load  
60A for 230VAC at Maximum load  
(Cold Start at Ambient 25°C)

**OUTPUT:**

**Total Output Power**  
95W per port  
760W Maximum Total Power

**Ripple (P-P)**  
250mV maximum

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

**Hold-Up Time**  
16mS min. 120VAC and maximum load

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

**Turn-On Delay Time (for PoE detection)**  
20 sec maximum at maximum load, 120VAC 60Hz

**ENVIRONMENTAL**

**Temperature**

Operation	0 to +40C
Non-Operation	-25 to +65C

**Humidity**

Operation	5 to 90%
Non-Operation	5 to 90%

**EMC**

EN55022 Class A, FCC Class A with UTP cabling  
EN55022 Class B, FCC Class B with FTP 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
EFP:	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

**IEEE802.3af/at Interoperability**

If 25K Ohm is detected then the unit operates in “IEEE802.3at mode” 33.6W 2 pair powering. 12.5K detection resistance required for full power 95W/port.

**Over-Voltage/Current, Short Circuit Protection**

Outputs equipped with short circuit protection and overload protection as per 802.3af specification except at maximum average current is 1.69A  
The output can be shorted permanently without damage

**Over Temperature Protection**

Automatic shutdown without damage

**Indicators**

Solid Green LED: Power detected “ON”  
Flashing Green: IEEE802.3at or (af) detected  
Yellow LED: Fault detected

**SNMPv2c management port Interface**

NIC interface for remote management via secure IP access

**Input Connector (Standard Model)**

AC Input IEC320 C14

**Warranty**

1 Year

