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## 4 Port 36W per port High Power Gigabit Power Over Ethernet Midspan POE125 for 10/100/1000 Base-T Networks



**iol** InterOperability Laboratory  
Part of the University of New Hampshire Research Computing Center



### Features

- IEEE 802.3af Detection, Disconnect and pre std IEEE802.3at Classification
- Cisco AP1250 Full Power Support
- 10/100/1000 base T Compatible
- Full Power of 125W--36 per Port No Power Management required
- Full Protection OCP, OVP
- Rack mountable

### Applications

- VoIP Phones
- Access Point
- Security Systems
- IP Cameras

### Safety Approvals

- cUL/UL
- CE

### Mechanical Characteristics

- Length: 228mm (8.9in)
- Width: 198mm (7.8in)
- Height: 44.5 mm (1.75in)
- Weight: 1.0Kg (2.5lbs)

### Output Specifications

Model	Number of Ports
POE125U-4HP	4

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**POE125HP Characteristics****WWW.PHIHONG.COM****INPUT:****AC Input**

Voltage Range 90 to 264VAC

Input Frequency 47-63Hz

Input Current:

2.2A(RMS) max. for 90VAC

1A(RMS) max. for 240VAC

Leakage Current: 3.5mA max. @ 254VAC 60Hz

AC Inrush Current:

15A(RMS) max. for 115VAC

20A(RMS) max. for 230VAC

**OUTPUT:****Total Output Power**

36Wper port

**Ripple and Regulation**

Meets requirements of IEEE802.3af

**Efficiency**

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

**Hold-up Time**

20mS min. 120VAC and max. load

**Transient O/P Voltage Protection**

60V max. at switch on and off at any AC line Phase

**Turn-On Delay Time**

3 sec max. at max. 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%

**EMC**

FCC Class B

EN55022 Class B

**Isolation Test**

Primary to Secondary: 3000VAC for 1 minute

Primary to Ground: 1500VAC for 1 minute

Secondary to Ground: 1500VAC 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**

UNH Interoperability report available on request

**FEATURE:****Cisco**

Supports Full Power Mode of AP1250

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

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

The output can be shorted permanently without damage

**Over Temperature Protection**

Shutdown automatically without damage

**Indicators**

Led #1 indicator for detection power "on" GREEN

Led #2 Indicator for fault -Yellow

**Input Connector**

AC Input IEC320 C14