



4 Port IEEE802.3at Midspan Gigabit High Power Over Ethernet Midspan POE125 for 10/100/1000 Base-T Networks



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



Features

- IEEE 802.3at D4 compliant
- Cisco AP1250 Full Power Support
- 10/100/1000 base T Compatible
- Full Power of 125W—33.6W 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-4AT	4

Optional 19" Rack mounting adapter to mount 1 POE125U or 2 side by side. Order P/N POE125U-ACCY01

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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

33.6Wper 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 802.3at 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