



4 Port IEEE802.3at Gigabit High Power over Ethernet Midspan



Features

- Compliant with the IEEE802.3at Standard
- 10/100/1000 Base-T Compatible
- Cisco AP1250 Full Power Support
- Optional Kit available for a 19" Rack Mount
- Full Power of 125W—33.6W per Port
- No Power Management Required
- Full Protection OCP, OVP
- 1 Year Warranty

Applications

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

Safety Approvals

- cUL/UL
- CE

Mechanical Characteristics

- Length: 224.9mm (8.85in)
- Width: 200mm (7.87in)
- Height: 48.5 mm (1.91in)
- Weight: 1.4Kg (3.0lbs)

Output Specifications

Model	Number of Ports	SNMP
POE125U-4-AT	4	No
POE125U-4-AT-N	4	Yes

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

Reference Files:

1. [Multiport Midspan Installation Manual.pdf](#)
2. [19in Rack Mounting Kit Datasheet.pdf](#)
3. [SNMPv2c User Manual-Rev1.7.pdf](#)
4. [SNMPv2c Firmware-Rev1.7.zip](#)
5. [SNMPv2c MIB 10_30_2009.zip](#)

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:

EN55022 Class B

AC Input

Voltage Range 90 to 264VAC

Input Frequency

47-63Hz

Input Current

2.5A (RMS) max for 90VAC
 1.3A (RMS) max for 240VAC

Leakage Current

3.5mA max @ 254VAC 60Hz

AC Inrush Current

30A (RMS) max for 115VAC
 60A (RMS) max for 230VAC

OUTPUT:**Total Output Power**

33.6W per port

Ripple and Regulation

100mV max

Efficiency

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

Hold-up Time

10mS min. 120VAC, max load

Transient O/P Voltage Protection

60V max at switch on/off at any AC line Phase

Turn-On Delay Time

3 sec max at max load, 120VAC 60Hz, 25Hz

ENVIRONMENTAL:**Temperature**

Operation	0°C to +40°C
Non-operation	-25°C to +65°C
Humidity	5 to 90%

EMC

FCC Class B

Isolation Test

Primary to Secondary: 4242VDC, 1 minute
 Primary to Ground: 2121VDC, 1 minute
 Secondary to Ground: 2121VDC, 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

FEATURES:**Cisco**

No extern parts required for Legacy devices:
 VoIP Phones: 7910, 7912, 7940, 7960
 Access Points: 1040, 1140, 1250, 1260, 3500

Over Voltage/Current, Short Circuit Protection

Outputs equipped with short circuit protection and overload protection as per 802.3at specifications. The output can be shorted permanently without damage

Over Temperature Protection

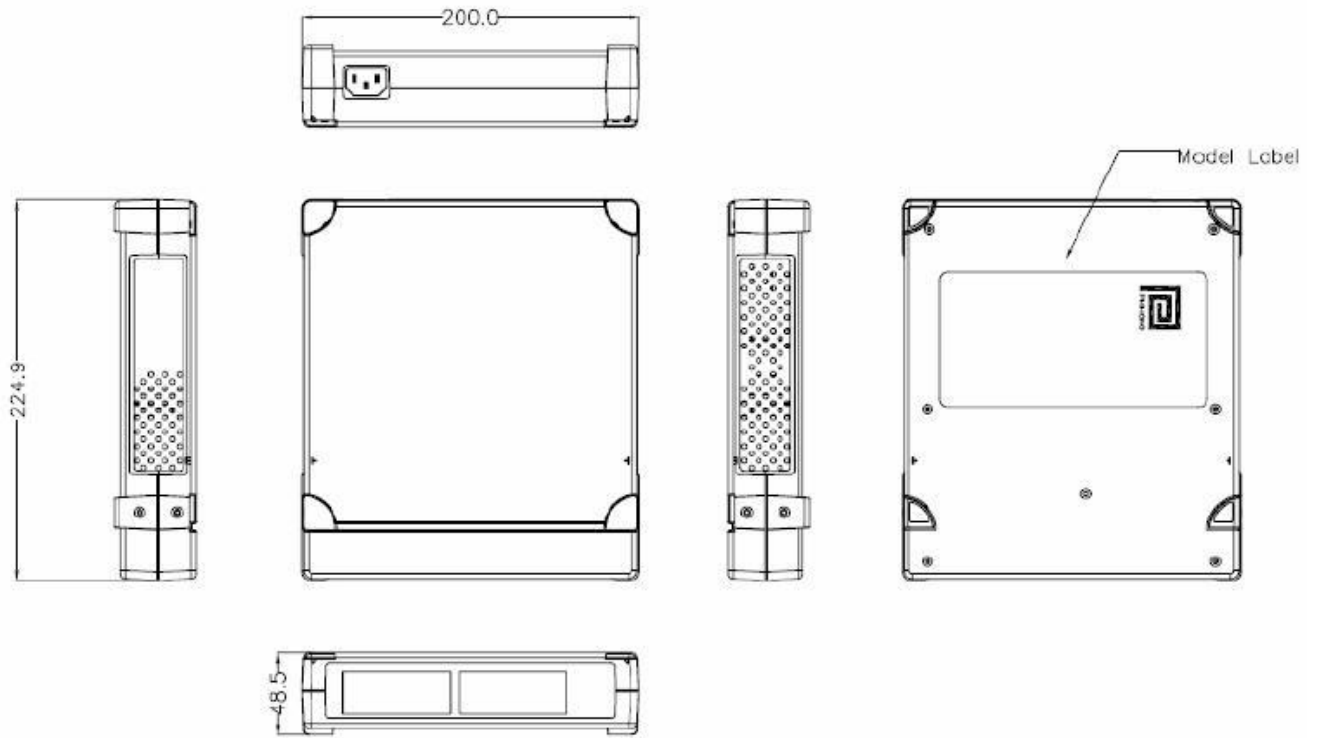
Automatic shutdown without damage

Indicators

Green LED: Power detected "ON"
 Yellow LED: Fault detected

Input Connector

AC Input IEC320 C14



Façade Display Showing Optional Rack Mounting

