



24 Port IEEE802.3at/PoEPLUS Midspan POE806U for 10/100/1000 Base-T Networks



Features

- Compliant with the IEEE802.3at Standard
- 2 finger classification
- SNMP Management Option
- Windows GUI
- May power Cisco AP1250 using the ACCY125X dongle
- Full Power of 576W—33.6W per Port, No Power Management required
- Full Protection OTP, OCP, OVP
- SSL available with SNMPv3
- 10/100/1000 Base-T Compatible
- Limited Lifetime Warranty
- 1U Rack Mountable (Kit Ships with Unit)

Applications

- VoIP Phones
- Access Point
- 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: 3.8Kg (8.5lbs)

Output Specifications

Model	Number of Ports	Output Voltage	Load		Output Power
			Min.	Max.	
POE806U-24AT(y)	24	56V	10mA	600mA	806W Max

Options: y= N to add SNMP

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INPUT:**AC Input**

Voltage Range 90 to 264VAC

Input Frequency 47-63Hz

Input Current:

12.0A (RMS) maximum for 90VAC

10.0A (RMS) maximum for 230VAC

Leakage Current: 3.5mA maximum @ 264VAC 60Hz

AC Inrush Current:

30A (RMS) maximum for 115VAC

60A (RMS) maximum for 230VAC

OUTPUT:**Total Output Power**

33.6W per port

Total Power 806W

Ripple and Regulation

100mV 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

20 sec maximum at maximum load, and 120VAC 60Hz, 60Hz

ENVIRONMENTAL:**Temperature**

Operation 0 to +40°C

Non-operation -25 to +65°C

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

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

Isolation

Primary to Secondary: 10 OHM 500VDC

Primary to Field Ground: 10 OHM 500VDC

FEATURE:**Cisco**

No extern parts required for Legacy devices:

VoIP Phones:

7910, 7912, 7940, 7960

Access Points:

1040, 1140, 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 "CONNECT"

Flashing GREEN: IEEE802.3af detected "CONNECT" at 33.6

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

Warranty

Limited Lifetime

