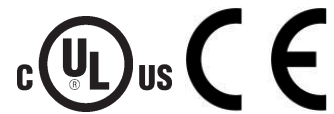




30W Single Port Power over Ethernet Midspan IEEE802.3AT Compliant Power Injector



Features

Compliant with IEEE802.3at Standard
Non-vented Case
Full Protection OVP, OCP
1 year warranty

Limited Power Source
Gigabit Compatible
May power Cisco AP1250 with
ACCY125X dongle

Applications

IP Telephones
Wireless Access Points
Bluetooth® Access Points

Security Cameras
IP Print Servers
WiMAX® Access Points

Safety Approvals

cUL/UL

CE

Mechanical Characteristics

Length: 140mm (5.51in.)
Width: 65mm (2.55in.)

Height: 36mm (1.42in.)
Weight: 0.2Kg (7.58oz)

Output Specifications

Model	AC Input	DC Output Voltage	Load		Regulation	
			Min.	Max.	Line	Load
POE29U-1AT	Three Wire	56V	10mA	535mA	±5%	

Phihong is not responsible for any error, and reserves the right to make changes without notice.

POE29U-1AT Characteristics

INPUT:

AC Input Voltage Rating
100 to 240VAC

AC Input Voltage Range
90 to 264VAC

AC Input Current
0.8A (RMS) maximum at 120VAC
0.55A (RMS) maximum at 240VAC

AC Input Frequency
47 to 63Hz

Leakage Current
350uA max

Max In-rush Current
60A max at 240VAC and maxload (Cold Start at ambient 25°C)

OUTPUT:
Output Power
30W

Hold up Time
10mSec min at max load at 120VAC, 60Hz

Efficiency
80% Typical at max load at 120VAC, 60Hz

ENVIRONMENTAL:

Temperature

Operating 0°C to +40°C
Non-operating -20°C to +70°C
Relative Humidity 5 to 90%

EMI

Complies with FCC Class B
Complies with EN55032 Class B

EMC

ESD: IEC61000-4-2 , Level 3
RS: IEC61000-4-3, Level 3
EFT/Burst: IEC61000-4-4, Level 2
Surge: IEC61000-4-5, Level 3
CS: IEC61000-4-6 , Level 3
Voltage Dips: IEC61000-4-11
Harmonic: IEC61000-3-2, Class A

Isolation (HI-POT)

Primary to secondary: 1500VAC for 1 minute, 10mA

Insulation Resistance

Primary to secondary: 10M Ohm 500VDC

FEATURES:

Over Voltage/Current, Short Circuit Protection

The output is equipped with short-circuit protection and overload protection as per the IEEE 802.3at specification and conforms to UL60950-2. The output can be shorted permanently without damage.

Indicator

Solid Green: Valid IEEE802.3at load detected and connected "ON"

Blinking Green: Power "ON" ready for connection

Blinking Green/Red: Invalid load connected

Blinking Red/Green: fault

AC Input Connector

IEC320 C14 - three wire

Output Connection

+pins 3,6 / -pins 1,2

Data IN/POE OUT Connector

RJ45

