



19.6W Single Port Power over Ethernet Midspan IEEE802.3af Compliant Power Injector



Features

- Compliant with IEEE802.3af Standard
- Non-vented Case
- Full Protection OVP, OCP
- Limited Power Source
- Gigabit Compatible
- 1 Year Warranty

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
POE21W-1AF	Two Wire	56V	10mA	350mA	±5%	

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:**AC Input Voltage Rating**

100 to 240VAC

AC Input Voltage Range

90 to 264VAC

AC Input Current

0.8A (RMS) max at 120VAC

0.55A (RMS) max at 240VAC

AC Input Frequency

47 to 63Hz

Leakage Current

250uA max

Max In-rush Current60A max at 240VAC and max load
(Cold Start at ambient 25°C)**OUTPUT:****Output Power**

19.6W

Hold up Time

10mSec min at max load at 120VAC, 60Hz

Transient O/P Voltage Protection

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

Efficiency

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

ENVIRONMENTAL:

Temperature

Operating 0 to +40°C

Non-operating -20 to +65°C

Humidity 5 to 90%

EMI

EN55022 Class B

FCC part 15 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 Level3

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:**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 ProtectionThe output can be shorted permanently
without damage.**Indicator (Status)**Solid Green: Valid IEEE802.3af load
detected and connected "ON"Blinking Green: Power "ON" ready for
connection

Blinking Red/Green: Invalid load connected

Blinking Red: fault

AC Input Connector

IEC320 inlet 2-pin C8

Output Connection

+pins 3,6 / -pins 1,2

Data IN/POE OUT Connector

RJ45

Dimension Diagram Unit: mm

