



30W Passive Power over Ethernet Adapter Lowest Cost IEEE802.3at Power



Features

- Compliant with the IEEE802.3at Standard
- Level V Efficiency
- Very Low leakage
- Non-Vented Case
- Very Low Cost
- 2 Wire or 3 Wire Options
- Full Protection OCP, OVP
- 1 Year Warranty

Applications

- IP Telephones (W Model Recommended)
- Wireless Network Access Points
- Blue Tooth Access Point
- Security Camera
- IP Print Servers
- Wimax APs

Safety Approvals

- cUL/UL
- CE

Mechanical Characteristics

- Length: 140mm (5.51in)
- Width: 65mm (2.55in)
- Height: 36mm (1.42in)
- Weight: 225g (0.44lb.)

Output Specifications

Model Number	Output Voltage	Output Current	Input Connector
POE31U-240	24V	1.25A	3 Wire C13
POE31U-560	56V	0.54A	3 Wire C13
POE31W-240	24V	1.25A	2 Wire C8
POE31W-560	56V	0.54A	2 Wire C8

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INPUT:

AC Input Voltage Range
90 to 264VAC

AC Input Voltage Rating
100 to 240VAC, 47-63Hz

AC Input Current
0.8A (RMS) maximum for 120VAC
0.5A (RMS) maximum for 240VAC

Leakage Current
W models 250uA maximum @ 264VAC 60Hz
U models 350uA maximum @ 264VAC 60Hz

AC Inrush Current
30A (RMS) maximum for 115VAC
60A (RMS) maximum for 240VAC

OUTPUT:

Total Output Power
30W

Output Ripple
24V 240mVp-p
56V 560mVp-p

Efficiency
Meets Level V Efficiency Requirements

Hold-up Time
10mS min. 120VAC and maximum load

ENVIRONMENTAL:

Temperature
Operation 0 to +40°C
Non-operation -25 to +65°C

Humidity
Operation 20 to 90%

EMC

FCC Part 15 Class B
EN55022 Class B

Isolation Test

Primary to Secondary: 1500VAC for 1 minute 10mA (U)
Primary to Secondary: 3000 VAC for 1 minute (W models)
Primary to F.G.: 1500VAC for 1 minute (U models)
Output to F.G.: 1500VAC (U models)

Immunity

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

Insulation Resistance

Primary to Secondary: >10M OHM 500VDC
Primary to Field Ground: >10M OHM 500VDC

FEATURE:

Over Voltage/Current, Short Circuit Protection

Outputs equipped with short circuit protection and overload protection.

The output can be shorted permanently without damage

Input Connector

IEC320 C12 for U Models
IEC320 C8 for W Models

Output Connection

+pins 4, 5
-pins 7, 8

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Dimension Diagram Unit: mm (inch)

