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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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POE31U Characteristics

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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:

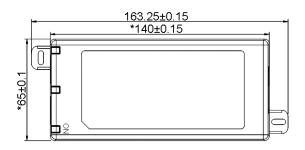
Temperature

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

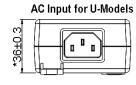
Humidity

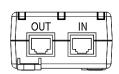
20 to 90% Operation

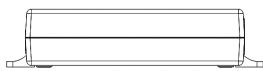
Dimension Diagram Unit: mm (inch)



AC Input for W-Models ,36±0.3







-CLEAR LED

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

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 EN61000-4-6. Level 2 CS: 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

MODEL LABEL

+pins 4, 5 -pins 7, 8

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