



## Low Cost 30W Passive Power over Ethernet Injector



### Features

- Gigabit Data rates
- Level VI Efficiency
- Very Low leakage
- Non-Vented Case
- 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 |
|-------------------------|----------------|----------------|-----------------|
| POE29W-560 <sup>1</sup> | 56V            | 0.54A          | 2 Wire C8       |

Notes: (1) Consult factory for availability

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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**

250uA maximum @ 264VAC 60Hz

**AC Inrush Current**

30A (RMS) maximum for 115VAC

60A (RMS) maximum for 240VAC

**OUTPUT:****Total Output Power**

30W

**Output Ripple**

560mVp-p

**No Load Power Consumption**

&lt;0.1W

**Efficiency**

Meets Level VI Efficiency Requirements

**Hold-up Time**

10mS min. 120VAC and maximum load

**ENVIRONMENTAL:****Temperature**

Operation -20 to +50°C

Non-operation -25 to +70°C

Humidity 20 to 90%

**EMC**

FCC Part 15 Class B

EN55022 Class B

**Isolation Test**

Primary to Secondary: 3000VAC for 1 minute 10mA

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  
500VDCPrimary to Field Ground: >10M OHM  
500VDC**FEATURES:****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 C8

**Output Connection**

+pin 3, 6 / -pins 1, 2

