



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



Contact us

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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
POE29U-560	56V	0.54A	3 Wire C13
POE29W-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
560mVp-p

No Load Power Consumption
<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
Operation 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 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
+pin 3, 6 / -pins 1, 2

Warranty
1 Year

Dimension Diagram Unit: mm (inch)

