imall

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	Low Cost
Level VI Efficiency	• 2 Wire or 3 Wire Options
Very Low leakage	• Full Protection OCP, OVP
Non-Vented Case	• 1 Year Warranty
Applications	
• IP Telephones (W Model Recommended)	Security Camera
Wireless Network Access Points	• IP Print Servers
Blue Tooth Access Point	• Wimax APs
Safety Approvals	
• cUL/UL	• CE
Mechanical Characteristics	
• Length: 140mm (5.51in)	• Height: 36mm (1.42in)
• Width: 65mm (2.55in)	• 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

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.

POE29 Characteristics

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:

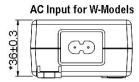
Temperature Operation Non-operation

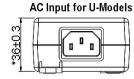
-25 to +70°C

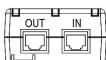
-20 to +50°C

Dimension Diagram Unit: mm (inch)

163.25±0.15 *140±0.15







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EMC

Humidity

Operation

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)

20 to 90%

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

