



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!



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DC-DC Power over Ethernet Splitter POE14 Fully Compliant IEEE802.3af PD Power Supply



Features

- Fully Compliant IEEE802.3af DC Power Supply
- DC Good LED
- Non-Vented Case
- UNH IOL Test Report Available
- Gigabit Compatible
- Full Protection OTP, OCP, OVP
- 1 Year Warranty

Applications

- IP Telephones
- Wireless Network Access Points
- Blue Tooth Access Points
- Security Cameras
- IP Print Servers

Safety Approvals

- CE

Mechanical Characteristics

- Length: 100mm (3.94in)
- Width: 56mm (2.2in)
- Height: 28mm (1.1in)
- Weight: 0.2Kg (7.05oz)

Output Specifications

Model	DC Output Voltage	Output Current
POE14-033	3.3V	3.00A
POE14-050	5V	2.20A
POE14-120	12V	1.17A

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INPUT:

Input Voltage Range

36 to 56V DC; Receives power from either data or spare pairs

Input Current

0.6A (DC) 36 V DC at maximum load

Inrush Current

0.4A maximum

OUTPUT:

Regulation

Line and Load $\pm 5\%$

Ripple

12V model 120mVp-p
5 & 3.3V models 75mVp-p

Efficiency

72% (typical) at maximum load and 48V DC

Output Power

Output Model	Limit
3.3V	8.25W at 36-57V DC
5V	12.5W at 36-57V DC
12V	12W at 36-55V DC
12V	14W at 55-57V DC

ENVIRONMENTAL:

Temperature

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

Humidity

Operation	5 to 90%
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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	

Note: CS, Surge, Harmonics and Dips tested with POE20U

EMC

EN55022 Class A

Dielectric withstand (HI-POT) Test

1500V AC for 1 minute, 10mA

Insulation Resistance

Primary to secondary: >10M Ohm 500V DC

FEATURES

Short Circuit Protection

Output can be shorted permanently without damage

Over Voltage Protection

By Zener clamping

Indicators

Green LED – Output Good

Input and Output Data Connector

RJ45

Warranty

1 Year

Output Connector

Center Positive Barrel 9mm x 2.5mm x 5.5mm
Tip is user changeable for other sizes

Dimension Diagram Unit: mm

