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

Tel: +86-755-8981 8866 Fax: +86-755-8427 6832 Email & Skype: info@chipsmall.com Web: www.chipsmall.com Address: A1208, Overseas Decoration Building, #122 Zhenhua RD., Futian, Shenzhen, China



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

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UNH IOL Test Report Available

Full Protection OTP, OCP, OVP

InterOperability Laboratory

CE

Features

- Fully Compliant IEEE802.3af DC Power Supply
- DC Good LED
- Non-Vented Case

Applications

- IP Telephones
- Wireless Network Access Points
- Blue Tooth Access Points

Safety Approvals

• CE

Mechanical Characteristics

- Length: 100mm (3.94in)
- Width: 56mm (2.2in)

• IP Print Servers

Gigabit Compatible

1 Year Warranty

Security Cameras

- 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

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.

POE14 Characteristics

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 ±5%

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

Efficiency

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

Output Power

Limit
8.25W at 36-57V DC
12.5W at 36-57V DC
12W at 36-55V DC
14W at 55-57V DC

ENVIRONMENTAL:

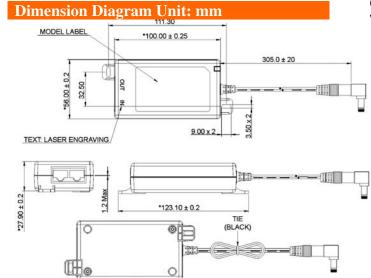
Temperature

Operation0 to +40°CNon-Operation-25 to +65°C

Humidity

Operation

5 to 90%



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Immunity

ESD:EN61000-4-2Level 3RS:EN61000-4-3Level 2EFT:EN61000-4-4Level 2Surge:EN61000-4-5Level 3CS:EN61000-4-6Level 2Voltage Dips:EN61000-4-11Harmonic:EN61000-3-2Note: 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

