



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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45W DC-DC Power over Ethernet Splitter POE45 Gigabit IEEE802.3at Compliant Splitter



Features

- IEEE802.3at Pre-standard
- Non-Vented Case
- Gigabit Compatible
- Designed to work with the POE60U and POE75U Single Port Injectors
- Proprietary Detection, Disconnect and Overload Protection
- Full Protection OCP, OVP
- Diagnostic LEDs
- 1 Year Warranty

Applications

- WiMax Access Points
- Last Mile Wireless
- Computer Workstations
- Multi Radio Access Points

Safety Approvals

- CE

Mechanical Characteristics

- Length: 140mm (5.51in)
- Width: 65mm (2.56in)
- Height: 36mm (1.42in)
- Weight: 200g (7.05oz)

Output Specifications

Model	DC Output Voltage	Load
POE45-120	12V	3.75A

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.

INPUT:

Input Voltage Range

Operates with POE60U-560G or POE75U-1UP
47-57V DC

Input Current

1.3A (RMS) maximum

OUPPUT:

Regulation

Line and Load $\pm 2\%$

Ripple

120mV maximum at 25°C

Efficiency

83% minimum at full load and 48V DC

O/P Voltage Protection

In case of output voltage overload, output will shutdown, and then auto restart
Output can be shorted permanently without damage

ENVIRONMENTAL

Temperature

Operation 0 to +40°C
Non-operation -20 to +65°C

Humidity

Operation 5 to 90%

Immunity

ESD: EN61000-4-2 Level 3
RS: EN61000-4-3 Level 2

Note: RS and CS tested with POE60U

EMC

EN55022 Class A
FCC Part 15, Class A

Dielectric Withstand (HI-POT) Test

Primary to secondary: 2121V DC for 1 minute, 10mA

Indicators

LED 1 – Output “ON”
LED 2 – Power received via Data
LED 3 – Power received via Spare Pair

Insulation Resistance

Primary to secondary: >10M Ohm 500V DC

Warranty

1 Year

Input and Output Data Connector

RJ45

Output Connector

Center Positive Barrel 12mm x 2.1mm x 5.5mm
Tip is user changeable for other sizes



Dimension Diagram Unit: mm

