



## 45W DC-DC Power Over Ethernet Splitter POE45 Gigabit High Power Splitter



*Designed to work with  
POE60U-560G Single port*



### Features

- Proprietary detection
- DC Good LED
- Non-Vented Case
- Gigabit Compatible
- Full Protection OCP,OVP
- 10/100/1000 Base T Data rates

### Applications

- Wimax Access Point
- Last Mile Wireless
- Computer Workstation
- Multi Radio Access Points

### Safety Approvals

- CE

### Mechanical Characteristics

- Length: 140mm (5.51in)
- Width: 65mm (2.585in)
- Height: 36mm (1.42in)
- Weight: 0. 2Kg (0.44lb)

### Output Specifications

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

Phihong reserves the right to make changes without further notice. Please consult Phihong USA and visit [www.phihong.com](http://www.phihong.com) for the most up-to-date specifications.

**INPUT:**

**Input Voltage Range**

Operates with POE60U-560G

Model name	Input Voltage Range
POE45-120	47-57VDC

**Input Current**

1.3A(RMS) max.

**OUTPUT:**

**Regulation**

Line and Load  $\pm 4\%$

**Ripple**

12V 120mVp-p

**Efficiency**

85% (typical) at Max. load 48Vinput

**O/P Voltage Protection**

In case of output voltage, output Shutdown, auto restart

**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  
 CS: EN61000-4-6. Level 2  
 Note: RS and CS tested with POE60U

**EMC**

EN55022 Class A

**Isolation Test**

This Splitter output is isolated from incoming POE voltages

**Indicators**

GREEN LED – Output Good

**Cable**

Designed to operate upto 100 meters per IEEE 802.3, CAT 5e or CAT6

**Input and Output DataConnector**

RJ45

**Output Connector**

Center Positive Barrel 9mm x 2.5mm ID x 5.5mm OD

**Dimension Diagram Unit: mm (inch)**

