



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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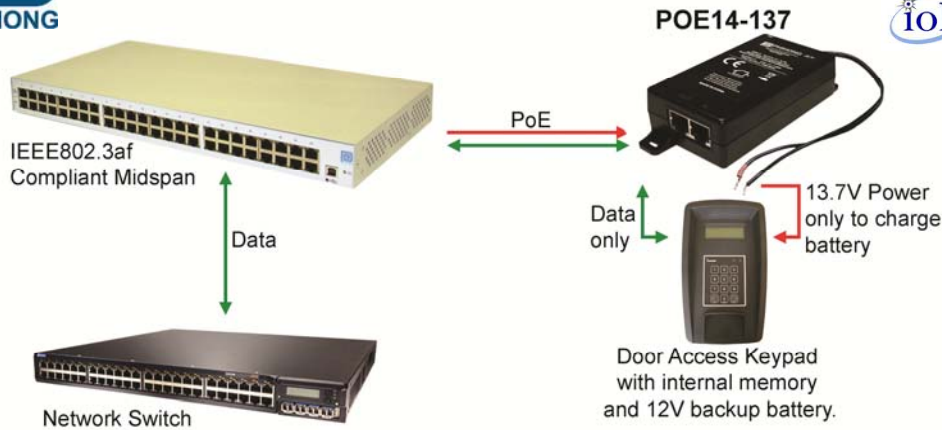
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DC-DC Power over Ethernet Splitter POE14-137 Offers Battery Charging Capabilities



Features

- Fully Compliant IEEE802.3af
- DC Good LED
- Non Vented Case
- Full Protection OTP, OVP, OCP
- Battery Charging Capability
- UNH IOL Test Report
- Gigabit Compatible
- Output Wires Marked for Polarity

Applications

- Access Control
- Backup Batteries

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	Load	
		Min.	Max.
POE14-137	13.7	0A	1A

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:

DC Input Voltage Range

36 to 57V DC; Receives power from either data or spare pairs

DC Input Current

0.6A (DC) 36V DC at maximum load

Inrush Current

0.4A maximum

OUTPUT:

Output Power

13.7W at 36-57V DC

Regulation

Line and Load $\pm 5\%$

Ripple

120mVp-p

Efficiency

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

ENVIRONMENTAL:

Temperature

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

Humidity

Operation 5 to 90%

Immunity

ESD: EN61000-4-2 Level 3
 RS: EN61000-4-3 Level 3
 CS: EN61000-4-6 Level 3
 Note: CS tested with POE20U

EMI

EN55022 Class A
 FCC part 15 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

Dimension Diagram Unit: mm (inch)

