

TECHNICAL DATASHEET

45W DC-DC PoE Splitter Gigabit Speed with Phihong BT or 12.5K Detection



Applications

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

Features

- Designed to work with POE60 and POE90 injectors
- Non-Vented Case
- Gigabit Compatible
- Diagnostic LEDs
- Full Protection OCP, OVP
- 12.5K Detection PSE Only
- 1 Year Warranty

Safety Standards



- CE

Dimensions

140 x 65 x 36 mm
(5.51 x 2.56 x 1.42 inch)

Weight

200g (7.05oz)

Output Specifications

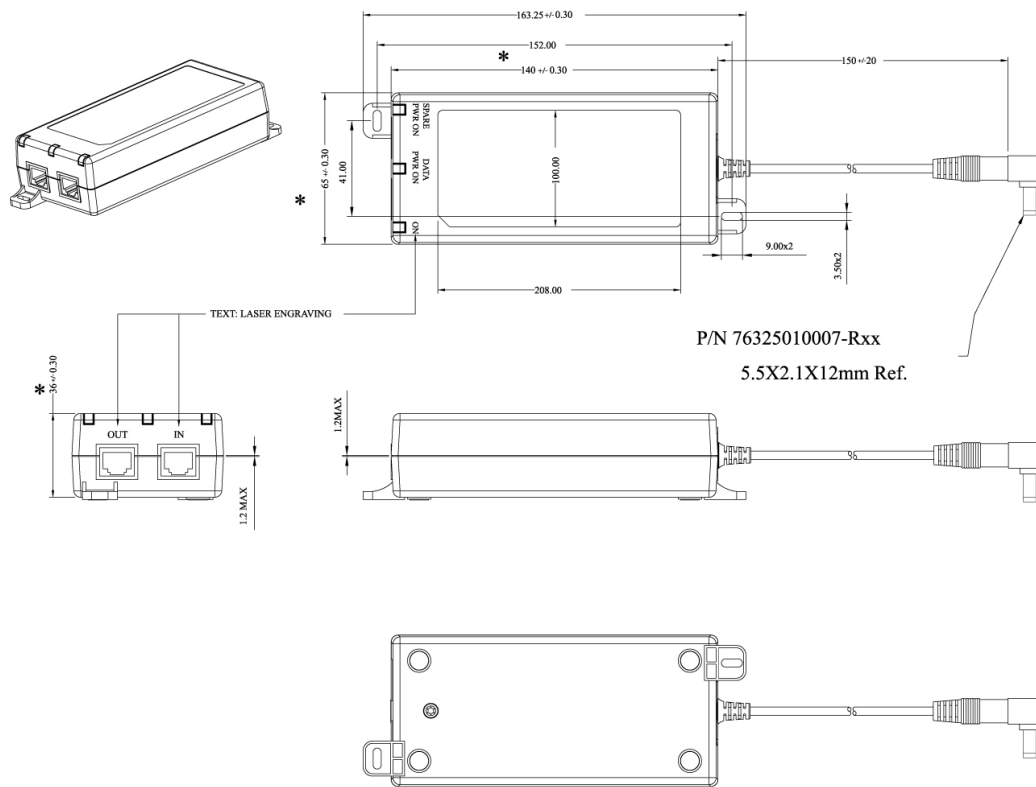
Model	DC Output Voltage	Load
POE45-120-R	12V	3.75A

Characteristics¹

Model		POE45
Input	Input Voltage Range	47-57V DC
	Input Current	1.3A (RMS) maximum
Output	Regulation	Regulation
	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	Operating Temperature	0 to +40°C
	Non-Operating Temperature	-20 to +65°C
	Operating Humidity	5 to 90%
	Immunity	ESD: EN61000-4-2 Level 3 RS: EN61000-4-3 Level 2 Note: RS and CS tested with POE60U
	EMC	EN55035 Class A FCC Part 15, Class A
	Dielectric Withstand (HI-POT) Test	Primary to secondary: 2121V DC for 1 minute, 10mA
Features	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
	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 

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.

Dimensional Diagram Unit: mm



Phihong Locations



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