

POA-100A

Single Port POE Power Source Injector with Internal Power

- Power over Ethernet Injector compatible with IEEE802.3af
- Remote power feeding application
- Plug-and-Play



OVERVIEW

Lantech POA-100A is a low power POE power source (PSE) injector to deliver 48V DC power to PoE-devices (PD), such as wireless AP router, IP CAM, VOIP phone etc through Ethernet UTP/STP cable. The low power design can ensure better reliability and longer runtime than before. It can drive the power distance up to 100 meters and with maximum power output up to 15.4W.

chip in which it will send impedance to handshake the correspondent PD in prior to deliver 48V power and prevent from burn down any non-POE devices.

It's compact and easy to carry design gives POA-100A much flexibility for any space installation. Full certificates including CE, FCC Class B (suitable for Home use), cUL prove product with world-wide class standard.

Lantech POA-100A is designed with 802.3af PoE compliant

FEATURES & BENEFITS

- Power over Ethernet Injector compatible with IEEE802.3af
- Remote power feeding application
- Short circuit protection
- Mix Ethernet and power into RJ-45 port
- Deliver power up to 100 meters
- Plug-and-Play
- Light weight and compact size
- Internal Power design without extra AC Adapter

SPECIFICATION

Hardware Specification		Operating Humidity	Operating Temperature
IEEE Standard	IEEE802.3 10BASE-T IEEE802.3u 100BASE-TX IEEE802.3af	Operating Temperature	0°C~45°C
Connector	RJ-45 Data in/out: Data/signal pairs pin 1,2,3,6 RJ-45 Power out: power over spare wire pairs pin: 4,5(V+), 7,8(V-)	Storage Temperature	-40°C~70°C
Network Cable	10Base-T: 2-pair UTP/STP Cat. 3, 4, 5 cable EIA/TIA-568 100-ohm (100m) 100Base-TX: 2-pair UTP/STP Cat. 5 cable EIA/TIA-568 100-ohm (100m)	Case Dimension	117mm x 60mm x 35mm (W x D x H)
LED	System: power (green)	EMI	FCC Class B, CE
Power Output	15.4W 48VDC, 0.32A	Safety	UL, cUL, CE/EN60950-1
Power Supply	Input power: AC 100~240V,50~60Hz,0.3A	Stability Testing	IEC60068-2-32 (Free fall), IEC60068-2-27 (Shock), IEC60068-2-6 (Vibration)
Power Consumption	3.6 Watts	Warranty	2 years

*Future Release
**Optional

ORDERING INFORMATION

- **POA-100A.....P/N: 8450-350**
One port POE injector for power source; IEEE802.3af POE standard compliant

Lantech Communications Global Inc.

www.lantech.com.tw
info@lantech.com.tw

© 2009 Copyright Lantech Communications Global Inc. all rights reserved.
The revise authority rights of product specifications belong to Lantech Communications Global Inc.
Lantech may make changes to specification and product descriptions at anytime, without notice.