



Power Over Ethernet Power Supply / Inserter

Features

- “Carrier Class” Power Over Ethernet System
- High Power (50W) Output
- Auto Ranging Power Supply/ Inserter
- Overload and Short Circuit Protection
- Minimum Cross Talk and Insertion Loss
- Advanced Switching Technology – Runs cool
- Complies with IEEE 802.3af POE Standard



*POE-HP-xxi
High Power
Power Supply / Inserter*

Applications

- Remote routers, access points and bridges
- Remote Camera Systems
- Remote networking equipment
- 400MHz to 10GHz systems
- SOHO Equipment
- IP Phone systems

Description

The POE-HP-xxi is an advanced 802.3af compliant power supply / power inserter. The power supply is autoranging on the input and has a regulated voltage output. It has overload and short circuit protection. The POE-HP-xxi is not a proprietary unit. It will function with any equipment which is compliant with the IEEE 802.3af POE standards. The POE-HP-xxi does not include the intelligent detection algorithms detailed in the 802.3af spec which means that the POE-HP-xxi will power up any device connected to it. The power is supplied on ethernet pins 4/5 (V+) and 7/8 (V-). The POE-HP-xxi comes complete with a standard North American 115VAC power cord. International cords are available upon request.

Using power over Ethernet to power remote devices has several advantages including;

- The power supply can be centrally located where it can be attached to an uninterruptible power supply.
- The user has the ability to easily power on reset the attached equipment from a remote location.
- There is no need to run additional power cabling to the device as power can be supplied over the CAT5 ethernet cable.
- The power supply can power a remote device up to 300 feet away, limited only by the Ethernet standard.

Specifications – POE-HP-xxi Power Supply/Injector

Input Voltage	90 – 264VAC @ 47 – 63Hz
Input Current @ Full Load	0.6A @ 120VAC 0.35A @ 230VAC
Efficiency	80% Min.
Output Voltage	POE-HP-50i 50VDC @ 1A POE-HP-24i 24VDC @ 2A
Minimum Load	0.1A Min
Output Ripple	1% Max
Line Regulation	1%
Load Regulation	2%
Operating Temperature	-15 to +60 deg C
Storage Temperature	-40 to +85 deg C
Operating Humidity	5% to 90% non condensing
Size (L x W x H)	4.88" x 2.88" x 1.47" (124 x 74 x 38mm)
Weight	8oz (227gm)
AC Connector	IEC 320 EN 60320 C13 (F)
Data IN Conn.	RJ45 Shielded Socket
Data/POE OUT Conn.	RJ45 Shielded Socket
LED	(amber) Green

**Notes:**

- All shipments F.O.B. Bluffdale, UT 84065
- All POE Products carry a 1 Year Warranty

System Ordering:

POE-HP-50i 50VDC @ 1A POE Power Supply / Inserter (Includes AC Power Cord)

POE-HP-24i 24VDC @ 2A POE Power Supply / Inserter (Includes AC Power Cord)

For further information contact:

www.wlanparts.com