

Gigabit Ethernet 56V @ 1.1A Full Duplex Power Over Ethernet (PoE++) Injector



Model: POEGAT60

KEY FEATURES

- The Gigabit Ethernet Power over Ethernet (PoE++) Injector provides power over a distance of up to 100 meters.
- Full Duplex Gigabit Ethernet speeds supported
- Supplies power up to 60 Watts
- Universal Input 100V to 240V AC
- Save on installation and equipment costs

Specifications

Input Voltage	100V to 240V AC
Input Frequency	50Hz to 60Hz
Input Current	2A
Inrush Current	30A max at cold start for 240V AC input with 25°C ambient temperature
AC Leakage Current	3.5mA max at 240V AC input
Output Voltage and Current	56V DC, 1.1A
Output Power	60 Watts
LED Indicator Light	Power, PoE Status
Efficiency	>84% at 100V AC input, >87% at 240V AC input
Ripple & Noise (Max)	400mV
Line Regulation	3%
Load Regulation	5%
MTBF	8760h
IEEE Standard	PoE++, compatible with IEEE 802.3af/at powered devices
Network Media	10BASE-T: Cat. 5 non shielded twisted pair 100BASE-TX: Cat. 5 non shielded twisted pair 1000BASE-TX: Cat. 5 non shielded twisted pair
Ports	1 x 10/100/1000 Mbps (Data only) 1 x 10/100/1000 Mbps (Data + Power Output)
POE Pin	4,5+/7,8- Midspan and 1,2-/3,6+ Endspan
RoHS Compliance	No
Environment	Temperature: Operating: 0°C to 40°C, Storage: -20°C to 70°C Humidity, non-condensing: Operating: 10% to 90%, Storage: 5% to 90%
Certification	No
Dimension (L x W x H)	123 x 60 x 39 mm

Protection

Short Circuit Protection	Outputs equipped with short circuit protection. The output will be restored when the short circuit faults are removed.
Over Current Protection	Outputs equipped with over current protection. The output will be restored when the over current faults are removed.
Overshoot	15% max when power supply is turned on or off.
Input Fuse Protection	No
PoE Detection	No

RJ45 Connector and Pin-Out

Pin	Data	Data & Power
1	Data	Negative out
2	Data	Negative out
3	Data	Positive out
4	Data	Positive out
5	Data	Positive out
6	Data	Positive out
7	Data	Negative out
8	Data	Negative out

Ordering Options

Item Code	Ports	Power Solutions
POEGAT60	1 x 10/100/1000 Mbps (Data only) 1 x 10/100/1000 Mbps (Data + Power Output)	Gigabit Ethernet PoE Injector 60W/56V output

Packaging Content

Item	Quantity
POEGAT60 Active PoE Injector	1
Power Cable : EU or US	1

Packaging Information

Packaging Type	Dimensions
Carton Box (100 units)	545 x 370 x 280 mm (L x W x H)