

Specifications

Model	POE-24-12W	POE-24-12W-G	POE-24-12W-G-WH
Dimensions	87 x 44 x 29 mm (3.43 x 1.73 x 1.14")	87 x 44 x 29 mm (3.43 x 1.73 x 1.14")	89 x 46 x 33 mm (3.48 x 1.81 x 1.30")
Weight	92 g (3.25 g)	99.4 g (3.51 g)	75 g (2.65 g)
Output Voltage	24VDC @ 0.5A	24VDC @ 0.5A	24VDC @ 0.5A
LAN Activity Indicator	No	No	No
Gigabit LAN Port	No	Yes	Yes
Remote Reset Capability	Yes	Yes	Yes
Reset Button	Yes	Yes	Yes
Input Voltage	90-260VAC @ 47-63 Hz	90-260VAC @ 47-63 Hz	90-260VAC @ 47-63 Hz
Input Current	0.3A @ 120VAC, 0.2A @ 240VAC	0.3A @ 120VAC, 0.2A @ 240VAC	0.3A @ 120VAC, 0.2A @ 240VAC
Inrush Current	<30A Peak @ 120VAC, <60A Peak @ 230VAC	<30A Peak @ 120VAC, <60A Peak @ 230VAC	<30A Peak @ 120VAC, <60A Peak @ 230VAC
Efficiency	75+%	75+%	75+%
Output Ripple	1% Max.	1% Max.	1% Max.
Switching Frequency	50 kHz	50 kHz	50 kHz
Line Regulation	± 1%	± 1%	± 1%
Load Regulation	± 3%	± 3%	± 3%
2-Pair Powering	Pins 4, 5 (+) and Pins 7, 8 (-)	Pins 4, 5 (+) and Pins 3, 6, 7, 8 (-)	Pins 4, 5 (+) and Pins 3, 6, 7, 8 (-)
Operating Temperature	0 to 40°C (32 to 104°F)	0 to 40°C (32 to 104°F)	0 to 40°C (32 to 104°F)
Storage Temperature	-30 to 70°C (-22 to 158°F)	-30 to 70°C (-22 to 158°F)	-30 to 70°C (-22 to 158°F)
Operating Humidity	35 to 95% Noncondensing	35 to 95% Noncondensing	35 to 95% Noncondensing
AC Connector	IEC-320 C6	IEC-320 C6	IEC-320 C6
Data IN / POE	RJ45 Shielded Socket	RJ45 Shielded Socket	RJ45 Shielded Socket
Surge Protection	Difference and Common Mode	Difference and Common Mode	Difference and Common Mode
Clamping Protection	11V Data, 60V Power	11V Data, 60V Power	11V Data, 60V Power
Max. Surge Discharge	1500A (8/20 μs) Power	1500A (8/20 μs) Power	1500A (8/20 μs) Power
Peak Pulse Current	36A (10/1000 μs) Data	36A (10/1000 μs) Data	36A (10/1000 μs) Data
Shunt Capacitance	<5 pF data	<5 pF data	<5 pF data
Response Time	<1 ns	<1 ns	<1 ns
Compliance	IEC 60950-1:2005+A1 UL60950-1 EN55022:2010, EN55024:2010 FCC Class B	IEC 60950-1:2005+A1 UL60950-1 EN55022:2010, EN55024:2010 FCC Class B	IEC 60950-1:2005+A1 UL60950-1 EN55022:2010, EN55024:2010 FCC Class B
AC Cable with Earth Ground	USA, EU, AR, BR, UL, CCC, Mexico	USA, EU, AR, BR, UL, CCC, Mexico	USA, EU, AR, BR, UL, CCC, Mexico