

Specifications

Model	POE-24-30W	POE-48-24W	POE48-24W-G
Dimensions	94 × 60 × 33 mm (3.70 × 2.36 × 1.30")	88 × 57 × 33 mm (3.47 × 2.24 × 1.30")	92 × 60 × 33 mm (3.62 × 2.36 × 1.30")
Weight	156 g (5.5 oz)	135.5 g (4.78 oz)	158.5 g (5.59 oz)
Output Voltage	24VDC @ 1.25A	48VDC @ 0.5A	48VDC @ 0.5A
LAN Activity Indicator	No	No	No
Gigabit LAN Port	Yes	No	Yes
Remote Reset Capability	No	No	No
Reset Button	No	No	No
Input Voltage	100-240AC @ 50/60Hz	90-260VAC @ 47-63 Hz	90-260VAC @ 47-63 Hz
Input Current	0.6A @ 120VAC, 0.4A @ 240VAC	0.6A @ 120VAC, 0.4A @ 240VAC	0.6A @ 120VAC, 0.4A @ 240VAC
Inrush Current	<60A Peak @ 120VAC, <120A Peak @ 230VAC	<60A Peak @ 120VAC, <120A Peak @ 230VAC	<65A Peak @ 120VAC, <130A Peak @ 230VAC
Efficiency	83+%	80+%	80+%
Output Ripple	1% Max.	1% Max.	1% Max.
Switching Frequency	65 kHz	65 kHz	65 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 7, 8 (-)
4-Pair Powering	Pins 1, 2, 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	EU, AR, BR, UL/cUL, CCC, Mexico, RCM	USA, EU, AR, BR, UL, CCC, Mexico	USA, EU, AR, BR, UL, CCC, Mexico