

# Specifications

Model	POE-54-80W-G	POE-54-80W
Dimensions	123 x 65 x 34 mm (4.84 x 2.56 x 1.34")	123 x 65 x 34 mm (4.84 x 2.56 x 1.34")
Weight	275 g (9.7 oz)	299 g (10.55 oz)
Output Voltage	54VDC @ 1.5A	54VDC @ 1.5A
LAN Activity Indicator	No	No
Gigabit LAN Port	Yes	Yes
Remote Reset Capability	No	No
Reset Button	No	No
Input Voltage	100-240AC @ 50/60Hz	100-240AC @ 50/60Hz
Input Current	0.8A @ 120VAC, 0.4A @ 240VAC	0.8A @ 120VAC, 0.4A @ 240VAC
Inrush Current	<80A Peak @ 120VAC, <120A Peak @ 230VAC	<80A Peak @ 120VAC, <120A Peak @ 230VAC
Efficiency	87+%	87+%
Output Ripple	1% Max.	1% Max.
Switching Frequency	100 kHz Max.	100 kHz Max.
Line Regulation	± 1%	± 1%
Load Regulation	± 3%	± 3%
4-Pair Powering	Pins 1, 2, 4, 5 (+) and Pins 3, 6, 7, 8 (-)	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)
Storage Temperature	-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
AC Connector	IEC-320 C6	IEC-320 C6
Data IN / POE	RJ45 Shielded Socket	RJ45 Shielded Socket
Surge Protection	Difference and Common Mode	Difference and Common Mode
Clamping Protection	11V Data, 60V Power	11V Data, 60V Power
Max. Surge Discharge	1500A (8/20 μs) Power	1500A (8/20 μs) Power
Peak Pulse Current	36A (10/1000 μs) Data	36A (10/1000 μs) Data
Shunt Capacitance	<5 pF data	<5 pF data
Response Time	<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
AC Cable with Earth Ground	EU, AR, BR, UL/cUL, CCC, Mexico, RCM	EU, AR, BR, UL/cUL, CCC, Mexico, RCM

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