

Specifications

Model	POE-54-80W	POE-24-AF5X	U-POE-at
Dimensions	123 x 65 x 34 mm (4.84 x 2.56 x 1.34")	88 x 57 x 33 mm (3.47 x 2.24 x 1.30")	93 x 62 x 35 mm (3.66 x 2.44 x 1.38")
Weight	299 g (10.55 oz)	158.5 g (5.59 oz)	156 g (5.5 oz)
Output Voltage	54VDC @ 1.5A	24VDC @ 1.0A	48VDC @ 0.65A
LAN Activity Indicator	No	No	No
Gigabit LAN Port	Yes	Yes	Yes
Remote Reset Capability	No	No	Yes
Reset Button	No	No	No
Rated Voltage	100-240VAC @ 50/60Hz	100-240VAC @ 50/60Hz	100-240VAC @ 50/60Hz
Input Current	0.8A @ 120VAC, 0.4A @ 240VAC	0.6A @ 120VAC, 0.4A @ 240VAC	0.75A@90VAC
Inrush Current	<80A Peak @ 120VAC, <120A Peak @ 230VAC	<60A Peak @ 120VAC, <120A Peak @ 230VAC	<100A Peak @230VAC, 26°C
Efficiency	87+%	80+%	87+%
Output Ripple	1% Max.	1% Max.	1% Max.
Switching Frequency	100 kHz Max.	65 kHz	70 kHz Max.
Line Regulation	≤ 3%	≤ 3%	≤ 3%
Load Regulation	≤ 5%	≤ 5%	≤ 5%
2-Pair Powering	–	–	Pins 4, 5 (+) and Pins 7, 8 (-)
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)	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
Certifications	CE, FCC, IC, UL	CE, FCC, IC, UL	CE, FCC, IC, UL

Specifications are subject to change. Ubiquiti products are sold with a limited warranty described at: www.ubnt.com/support/warranty

The limited warranty requires the use of arbitration to resolve disputes on an individual basis, and, where applicable, specify arbitration instead of jury trials or class actions.

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