

# PoE Adapter Datasheet

## Models

RG-POE-AT15



RG-POE-AT30



## Specifications

Model	RG-POE-AF15	RG-POE-AT30	RG-POE-50-60W-MG
Dimensions	92 mm x 46.5 mm x 29.5 mm ±1mm (3.622 in. x 1.83 in. x 1.16 in.)	95.2 mm x 52.2 mm x 33.2 mm ± 1 mm (3.75 in. x 2.05 in. x 1.31 in.)	137.4 mm x 62.3mm x 32.6 mm (5.41 in. x 2.45 in. x 1.28 in. )
Weight	95±5g(3.35 Oz)	145±5g(5.11 Oz)	225 g (7.94 Oz)
Output Voltage	52V DC @ 0.3A	52V±5% @ 0.60A	56VDC @ 1.08A
Gigabit LAN Port	1G	1G	2.5G
Remote Reset Capability	No	No	No
Reset Button	No	No	No
Rated Voltage	100-240V AC @ 50/60Hz	100-240V AC @ 50/60Hz	100-240V AC @ 50/60Hz
Input Current	0.5A(Max)	0.7A(Max)	1.5A@120VAC, 1.2A@240VAC
Inrush Current	<80A@230VAC	100A@230VAC	<60A Peak @ 120VAC, <120A Peak @ 230VAC
Average active efficiency:	87.41%	89.36%	90.32%
Efficiency at low load (10%):	76.37%	84.34%	83.44%
No-load power consumption:	0.092W	0.085W	0.130W
Output Ripple	<1%	<1%	≤1%
Switching Frequency	65KHz	65KHz	65KHz
Line Regulation	≤5%	≤5%	≤5%
Load Regulation	≤5%	≤5%	≤5%
2-Pair Powering	Pins 4, 5 (+) and Pins 7, 8 (-)	Pins 4, 5 (+) and Pins 7, 8 (-)	-
4-Pair Powering	NA	NA	Pins 1, 2, 4, 5 (+) and Pins 3, 6, 7, 8 (-)
Operating Temperature	- 10°C to 45°C(14 to 113° F)	- 10°C to 45°C(14 to 113° F)	0 to 40° C (32 to 104° F)
Storage Temperature	-40 to 70°C (-40 to 158° F)	-40°C to +70°C(-40 to 158° F)	-30 to 70°C (-22 to 158° F)
Operating Humidity	5~95% Noncondensing	5~95% RH, Non-condensing	35 to 95% Noncondensing
AC Connector	IEC-320 C8	IEC-320 C6	3-pole appliance inlet type 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	NA	NA	65V Power
Max. Surge Discharge	2000A (8/20 μs) Power	2000A (8/20 μs) Power	500A(8/20us)power
Peak Pulse Current	36A (10/1000 μs) Data	36A (10/1000 μs) Data	36A(10/1000us)Data
Shunt Capacitance	<5 pf data	<5 pf data	<5 pF data
Response Time	<1 ns	<1 ns	<1 ns
Certifications	CE, CB	CE, CB	CE, FCC, CCC,
Warning			Operation of this equipment in a residential environment could cause radio interference.