

Desk Top Power Supplies



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PS60POE Series 60 Watt Power over Ethernet Universal AC Input

Features

- Universal Input Range 90-264VAC
- Meets CEC & ErP Level V
- Continuous Short Circuit Protection
- Over Voltage Protection
- Meets EN55022 Class B



Electrical Specification

Input Voltage Range	90 - 264VAC
Frequency	47 - 63Hz
Inrush Current	50A max. @ 240VAC
Conducted EMI	CISPR/FCC Class B
Isolation - Input/Output	4,242VDC
Leakage Current	1.5mA max.
Hold-up Time	8mS typ. @ 115VAC
Short Circuit Protection	Auto Recovery
Over Voltage Protection	Auto Recovery
Temperature Coefficient	±0.05%/°C
Operating Temperature Range	0°C to +60°C (above 40°C derate linearly to 50% load at 60°C)
Storage Temperature Range	-25°C to +85°C
Humidity	93% RH max. Non-condensing
Cooling	Natural Convection
Safety Approvals	cUL/UL 60950, TUV EN60950
Dimensions	150.0 x 70.0 x 35.0 mm 5.91 x 2.76 x 1.38 inches
Weight	348g
AC Inlet	IEC320/C14

Output Voltage and Current Ratings

MODEL	OUTPUT VOLTAGE	OUTPUT CURRENT	RIPPLE & NOISE	VOLTAGE ACCURACY	LINE REG.	LOAD REG.	% EFF.
PS60POE	48V	1.2A	150mV	±2%	±1%	±2%	87%

NOTE:

1. Voltage accuracy is set at 60% full load.
2. Output noise and ripple measured with 10µF electrolytic & 0.1µF ceramic capacitors across output at 20MHz BW.
3. Line regulation is measured from 100Vac to 240Vac at full load.
4. Load regulation is measured from 60% to full load and from 60% to 20% load (60% ±40% load).

Mechanical Details

All dimensions in inches (mm)

Tolerances:

Inches x.xxx ±0.02

Millimeters x.xx ±0.5

