

FEATURES:

- **Single Output**
- **Universal AC Input**
- **Output Voltages from 5 to 48VDC**
- **Over Voltage/ Over Load/ Short Circuit Protected**
- **4(L) x 2(W) x 1.02(H) inches (101.6 x 50.8 x 26 mm)**



4(L) x 2(W) x 1.02(H) inches

SPECIFICATIONS: PSPW60 Series

All specifications apply @ ±25°C ambient unless otherwise noted

INPUT SPECIFICATIONS

Input Range.....	90-264VAC
Input Frequency.....	47-63Hz
Input Current.....	2A max. (RMS) @115VAC 1A max. (RMS) @230VAC
Inrush Current.....	< 40A peak at 115VAC cold start @ 25°C < 80A peak at 230VAC cold start @ 25°C

OUTPUT SPECIFICATIONS

Output Current.....	see table
Output Power.....	60W max with convection cooling
Output Regulation.....	see table
Ripple/Noise (20 MHz BW).....	see table
Hold-up Time.....	10ms at 60 watt load & 115VAC nominal line

PROTECTION

Short Circuit Protection.....	Auto recover
Over Voltage Protection.....	Shutdown
Over Load Protection.....	Automatic Recovery @ 105%-160% above following maximum rating.

GENERAL SPECIFICATIONS

Efficiency.....	>80% typical at full load, 115VAC
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ENVIRONMENTAL SPECIFICATIONS

Operating Temperature.....	0°C to +60°C ambient derate each output at 2.5% per degree from +41°C to 60°C
Storage Temperature.....	-10°C to 70°C
Humidity (non-condensing).....	10% to 95%
Temperature Coefficient.....	±0.04% / °C
Cooling.....	free air convection
MTBF.....	80,000 hrs at full load and 25°C ambient temperature

PHYSICAL SPECIFICATIONS

Weight.....	5.29oz(149.97g)
Dimensions.....	4 x 2 x 1.02 inches (101.6 x 50.8 x 26 mm)

SAFETY & EMC

Safety Standards.....	UL 60950
.....	CSA C22.2 No. 60950
.....	TUV EN60950
.....	CB IEC 60950
EMC Standards.....	FCC Part 15 Class B
.....	CISPR 22 Class B
.....	EN55022 Class B
.....	EN 55024
.....	CE

Due to advances in technology, specifications subject to change without notice

MODEL SELECTION GUIDE

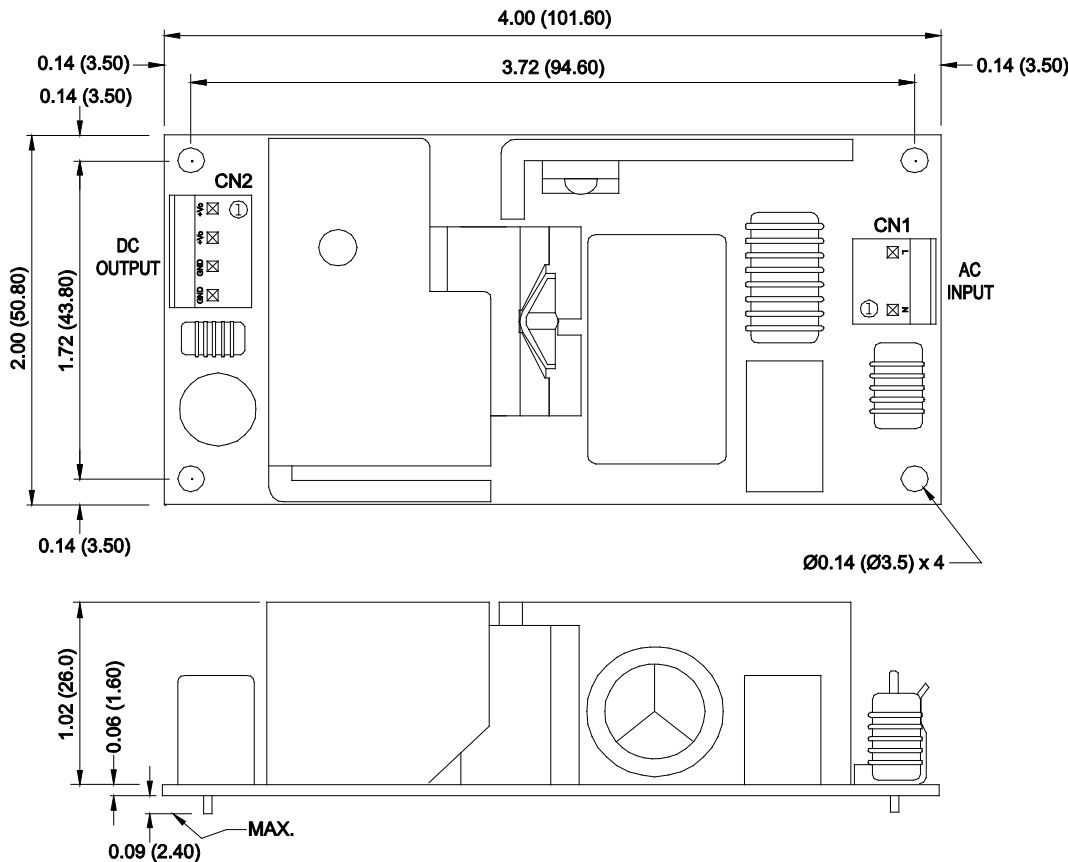
Model	Output Voltage	Min Load	Max. Output Current (convection cooling)	Output Power	Output Regulation	Ripple & Noise	LPS
PSPW040B-1Y05	5 VDC	0A	8A	40W	±5%	150mV	
PSPW060B-1Y12	12 VDC	0A	5A	60W	±3%	150mV	
PSPW060B-1Y15	15 VDC	0A	4A	60W	±3%	150mV	
PSPW060B-1Y19	19 VDC	0A	3.16A	60W	±3%	190mV	
PSPW060B-1Y24	24 VDC	0A	2.5A	60W	±3%	240mV	●
PSPW060B-1Y36	36 VDC	0A	1.67A	60W	±2%	300mV	●
PSPW060B-1Y48	48 VDC	0A	1.25A	60W	±2%	300mV	●

NOTES

1. At 25°C including initial tolerance, line voltage, load currents, and output voltages adjusted to factory settings.
2. Ripple and noise are measured at oscilloscope 20MHz bandwidth by a 10uF electrolytic capacitor and a 0.1uF ceramic capacitor in parallel at output connector.

MECHANICAL DRAWING

Unit: inches (mm)



CN1: Input Connector
Molex 09-65-2029
Pitch: 3.96mm or equivalent, mates with female housing molex 09-76-1020 or equivalent

Pin #	Signal
1	AC Neutral
2	AC Line

CN2: Output Connector
Molex 09-65-2048
Pitch: 3.96mm or equivalent, mates with female housing molex 09-52-4044

Pin #	Signal
1	+Vo
2	+Vo
3	GND
4	GND