

PS-5 Regulated Switching 5 V (2 A) Power Supply Page 1 of 4





Description

The **PS-5** is a 10W regulated switching power supply that outputs 5 VDC @ 2 A. The power supply covers voltage inputs ranging from 90 VAC to 264 VAC. Typical efficiency is 65%. The PS-5 has overvoltage, overload and short circuit protection.

The output connector is a 2.1 mm circular plug attached to a 48 inch long cable. The power supply plugs directly into a standard US 120 VAC receptacle.



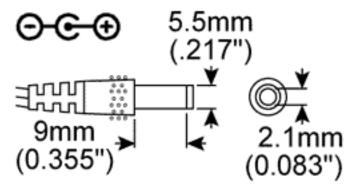




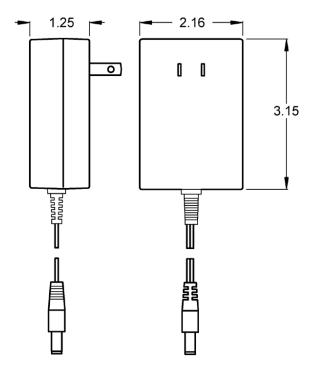
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Power Plug



Mechanical Drawing



Electrical Specifications

Input Voltage	90 VAC to 264 VAC
Input Frequency	47 Hz to 63 Hz
Output Voltage	5 VDC ± 5%
Output Current	2.0 A
Line Regulation	± 1 %
Efficiency	65%





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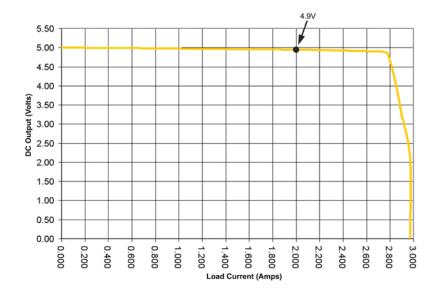


Ripple & Noise	± 50 mV maximum

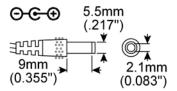
Environmental/Safety Specs.

Operating Temperature	0 C to 40 C
Storage Temperature	-30 C to 80 C
Relative Humidity	5% to 95% RH, non-condensing
Protection	Overvoltage, Overload, and short-circuit
Safety Standards	UL1950, CB (per EN60950)
EMI	FCC Class B, CISPR 22 (EN55022) Class B
MTBF	> 100 kHours (25 C) per MIL-HDBK-217F

Output Voltage vs. Load



Connector



Base Pricing





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Quantity	Price
1	\$19.50
10	\$15.84

