



50W LED Power Supply, 5V DC Output, 120 - 240VAC Input, Indoor Use

- Delivers 50W maximum output at 5V DC
- Accepts 120 - 240VAC input for broad electrical compatibility
- Aluminum alloy housing for durable, compact installation
- IP20 rated for dry indoor environments only
- Rated for ambient operating temperatures from -30 to 50 degrees C
- Backed by a 1 -year warranty

OVERVIEW

The Poli P-50-5 is a 50W LED power supply designed for indoor LED lighting applications. Its compact, aluminum alloy construction allows for straightforward installation in a range of commercial and residential settings.

The unit delivers a 5V DC output at up to 50 watts and accepts 120-240V AC input, making it compatible with standard North American and international electrical systems. Built-in overcurrent and overvoltage protection help safeguard connected LED loads. The IP20 rating confirms suitability for dry, indoor environments, with an ambient operating range of -30 to 50 degrees C.

SPECIFICATIONS

ELECTRICAL

Operating Voltage	120-240 V
Wattage	50 W
Power Supply Input	120VAC
Power Supply Output	5VDC

MECHANICAL

Material	Aluminum Alloy
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ENVIRONMENTAL

IP Rating	IP20
Ambient Operating Temperature	-30-50 °C -22-122 °F

ORDERING

Warranty	1 y
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APPLICATIONS

- Indoor LED signage
- Cabinet and shelf lighting
- Commercial display lighting
- Residential accent lighting

slug	value	source	confidence
operating_voltage	120–240 V	pdf	high
wattage	50 W	db	high
ps_input	120VAC	db	high
ps_output	5VDC	db	high
material	Aluminum Alloy	db	high
ip_rating	IP20	db	high
ambient_temp_c	- 30–50 °C	db	high
warranty_years	1 y	db	high

Specifications subject to change without notice.

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