



240W 5V DC LED Power Supply, 110-220V AC Input, UL Listed, IP20

- Delivers 240W of output power at 5V DC
- Accepts 110 - 220V AC input for global compatibility
- UL Listed for electrical safety compliance
- Aluminum alloy housing with Metallic Silver finish
- IP20 rated for indoor and enclosed installations
- Operates across -30 to 50 degrees C ambient range

OVERVIEW

The Poli P-240-5-UL is a 240W LED power supply for commercial and industrial LED lighting installations. It accepts 110-220V AC input, making it compatible with standard U.S. and international power sources, and delivers a regulated 5V DC output suitable for driving multiple LED lighting circuits simultaneously.

The unit provides 240W of output power, allowing for parallel connection of multiple LED loads. Its aluminum alloy construction and Metallic Silver finish support use across a range of installation environments, with an ambient operating range of -30 to 50 degrees C. Its compact form factor of 8 × 4.5 × 2 in suits mounting at an IP20 rating.

This power supply is UL Listed, confirming evaluation to applicable electrical safety standards, and is backed by a 1-year warranty.

SPECIFICATIONS

ELECTRICAL

Operating Voltage	110-220 V
Wattage	240 W
Power Supply Input	110 - 220VAC
Power Supply Output	5VDC

ENVIRONMENTAL

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

MECHANICAL

Product Dimensions	8 × 4.5 × 2 in
Finish	Metallic Silver
Material	Aluminum Alloy
Weight	2.1 lb

ORDERING

Warranty	1 y
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CERTIFICATIONS & COMPLIANCE



UL Listed

APPLICATIONS

- LED sign and channel letter power distribution
- Commercial interior LED lighting systems
- Retail display and cabinet lighting
- Architectural LED strip installations

slug	value	source	confidence
operating_voltage	110~220 V	pdf	high
wattage	240 W	db	high
ps_input	110 - 220VAC	db	high
ps_output	5VDC	db	high
product_dimensions	8 × 4.5 × 2 in	db	high
finish	Metallic Silver	db	high
material	Aluminum Alloy	db	high
weight	2.1 lb	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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