



240W LED Power Supply, 12V DC Output, 120–240V AC Input

- Delivers 240W of constant 12V DC output at 20A
- Accepts 110/220V AC input for flexible voltage compatibility
- Aluminum alloy housing with Metallic Silver finish
- Fanless design for silent operation and reduced dust buildup
- IP20 rated for dry indoor environments
- 1-year manufacturer warranty

OVERVIEW

The Poli P-240 is a 240W constant-voltage LED power supply designed for indoor LED lighting systems. It provides a stable 12V DC output at 20A and accepts a 110/220V AC input, making it compatible with standard U.S. and international voltage sources.

Constructed with an aluminum alloy housing, the unit measures 8 × 4.5 × 2.2 in. and weighs 1.2 lb. The fanless design allows for silent operation and reduces dust accumulation over time. An IP20 rating confirms suitability for dry indoor environments, and the unit is rated for ambient temperatures from -30°C to 50°C.

SPECIFICATIONS

ELECTRICAL

Operating Voltage	12 V
Wattage	240 W
Current Draw	20 A
Power Supply Input	110 - 220VAC
Power Supply Output	12VDC

ENVIRONMENTAL

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

MECHANICAL

Product Dimensions	8 × 4.5 × 2.2 ft
Finish	Metallic Silver
Material	Aluminum Alloy
Weight	1.2 lb

ORDERING

Warranty	1 y
----------	-----

APPLICATIONS

- Indoor LED strip lighting installations
- Retail display lighting systems
- Signage and cabinet lighting
- Architectural indoor lighting projects

PROVENANCE — REVIEW COPY ONLY

slug	value	source	confidence
operating_voltage	12 V	pdf	high
wattage	240 W	db	high
current_draw	20 A	pdf	medium

slug	value	source	confidence
ps_input	110 - 220VAC	db	high
ps_output	12VDC	db	high
product_dimensions	8 × 4.5 × 2.2 ft	db	high
finish	Metallic Silver	db	high
material	Aluminum Alloy	db	high
weight	1.2 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.

REVIEW COPY