



Indoor LED Power Supply, 12V 12W
Output, 120-240VAC Input, IP20

- Delivers 12VDC output at 12 watts for LED lighting loads
- Accepts 110-220VAC input for flexible regional use
- Draws 1A of current at rated output
- Aluminum alloy housing with metallic silver finish
- IP20 rated for indoor installation environments
- Rated for ambient operating temperatures from -30°C to 50°C

OVERVIEW

The Poli P-12 is a compact indoor LED power supply designed to deliver stable, low-voltage DC power to LED lighting systems in commercial and residential applications. Its dual-input compatibility with 110VAC and 220VAC makes it suitable for use across different electrical environments.

The unit provides a 12VDC, 1A output at 12 watts, housed in an aluminum alloy enclosure with a metallic silver finish and an IP20 rating for indoor use. It operates across an ambient temperature range of -30°C to 50°C and weighs 0.6 lb, allowing for straightforward installation in space-constrained locations.

SPECIFICATIONS

ELECTRICAL

Operating Voltage	12 V
Wattage	12 W
Current Draw	1 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	6.5 × 3.25 × 1.5 ft
Finish	Metallic Silver
Material	Aluminum Alloy
Weight	0.6 lb

ORDERING

Warranty	1 y
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APPLICATIONS

- Indoor architectural lighting
- Cabinetry and display case lighting
- Retail and signage lighting systems
- LED strip installations in commercial interiors

PROVENANCE — REVIEW COPY ONLY

slug	value	source	confidence
operating_voltage	12 V	pdf	high
wattage	12 W	db	high
current_draw	1 A	pdf	high

slug	value	source	confidence
ps_input	110 - 220VAC	db	high
ps_output	12VDC	db	high
product_dimensions	6.5 × 3.25 × 1.5 ft	db	high
finish	Metallic Silver	db	high
material	Aluminum Alloy	db	high
weight	0.6 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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