



400W Slim 12V DC LED Power Supply, 120VAC Input, IP20 Indoor

- Outputs 400W at 12V DC, delivering 33.3A of continuous current
- Accepts 90 - 130VAC input, compatible with standard 120VAC circuits
- IP20 rated for dry indoor mounting locations
- Aluminum alloy housing in a slim 9.75 × 2.5 × 1.25 in profile
- Rated for ambient operating temperatures from -30 C to 50 C
- Backed by a 1-year manufacturer warranty

OVERVIEW

The Poli P-400S is a slim-profile 12V DC LED power supply designed for indoor LED lighting installations in commercial and residential applications. Its compact aluminum alloy construction allows integration into space-constrained enclosures and mounting locations.

The unit delivers 400W of output power at 12V DC (33.3A) and accepts an AC input voltage range of 90 - 130V, making it compatible with standard 120VAC circuits. An IP20 rating confirms suitability for dry indoor environments. Dimensions are 9.75 x 2.5 x 1.25 in with a 1 lb operating weight, and the unit is rated for ambient temperatures of -30 to 50 C.

This power supply carries a 1-year manufacturer warranty.

SPECIFICATIONS

ELECTRICAL

Operating Voltage	12 V
Wattage	400 W
Current Draw	33.3 A
Power Supply Input	90 - 130VAC
Power Supply Output	12VDC

ENVIRONMENTAL

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

MECHANICAL

Product Dimensions	9.75 × 2.5 × 1.25 in
Material	Aluminum Alloy
Weight	1 lb

ORDERING

Warranty	1 y
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APPLICATIONS

- LED strip lighting installations
- Cabinet and display case lighting
- Retail and signage lighting
- Architectural and cove lighting
- Commercial interior lighting retrofits

PROVENANCE — REVIEW COPY ONLY

slug	value	source	confidence
operating_voltage	12 V	pdf	high
wattage	400 W	db	high

slug	value	source	confidence
current_draw	33.3 A	pdf	high
ps_input	90 - 130VAC	db	high
ps_output	12VDC	db	high
product_dimensions	9.75 × 2.5 × 1.25 in	db	high
material	Aluminum Alloy	db	high
weight	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.

REVIEW COPY