



12V 250W Slim LED Power Supply,
110 - 130VAC Input, IP20 Aluminum
Alloy

- Delivers 250W at 12V DC output, up to 20.83A
- Accepts 110-130VAC input for standard indoor circuits
- Aluminum alloy housing rated IP20 for dry indoor use
- Compact 10.25 × 2.25 × 1.25 in. slim profile
- Operates across -30 to 50°C ambient range
- Backed by a 3-year manufacturer warranty

OVERVIEW

The Poli P-250S is a slim, indoor-rated LED power supply designed for 12V DC lighting systems. Built with an aluminum alloy housing, it is well suited for new LED lighting installations or retrofit applications where a compact, low-profile driver is required.

The unit delivers 12V DC at 250W, supporting up to 20.83A of output current. It accepts 110-130V AC input and carries an IP20 rating, making it appropriate for dry indoor environments. Dimensions measure 10.25 × 2.25 × 1.25 in., keeping installation and concealment straightforward in tight spaces.

This power supply is backed by a 3-year warranty.

SPECIFICATIONS

ELECTRICAL

Operating Voltage	12 V
Wattage	250 W
Current Draw	20.83 A
Power Supply Input	110 - 130VAC
Power Supply Output	12VDC

ENVIRONMENTAL

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

MECHANICAL

Product Dimensions	10.25 × 2.25 × 1.25 in
Material	Aluminum Alloy
Weight	1 lb

ORDERING

Warranty	3 y
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APPLICATIONS

- Indoor LED strip lighting installations
- Signage and display lighting retrofits
- Cabinetry and architectural accent lighting
- Commercial ceiling and cove lighting systems

slug	value	source	confidence
operating_voltage	12 V	pdf	high
wattage	250 W	db	high
current_draw	20.83 A	pdf	high
ps_input	110 - 130VAC	db	high
ps_output	12VDC	db	high
product_dimensions	10.25 × 2.25 × 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	3 y	db	high

Specifications subject to change without notice.

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