



24V 250W Slim LED Power Supply, 120VAC Input, IP20 Rated

- Delivers 250W output at 10.42A rated current
- Accepts 90 - 130VAC input for standard 120VAC circuits
- IP20 rated for dry indoor environments
- Aluminum alloy housing measures 9.75 × 2.5 × 1.25 in
- Rated for ambient operation from -30 to 50 degrees C
- Backed by a 3-year manufacturer warranty

OVERVIEW

The P-250S-24 is a slim-profile 24V DC LED power supply designed for indoor LED lighting installations. Its compact form factor makes it well suited for applications where mounting space is limited, including cabinet lighting, signage, and architectural LED systems.

The unit delivers 250W of output power at 24VDC with a 10.42A output current, and accepts an input range of 90-130VAC for compatibility with standard 120VAC electrical systems. The IP20 rating provides protection against solid objects in dry indoor environments. The aluminum alloy chassis measures 9.75 × 2.5 × 1.25 in and weighs 0.9 lb, supporting heat dissipation in a low-profile enclosure rated for ambient operation from -30 to 50 degrees C.

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

SPECIFICATIONS

ELECTRICAL

Wattage	250 W
Current Draw	10.42 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	0.9 lb

ORDERING

Warranty	3 y
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APPLICATIONS

- Cabinet and millwork lighting
- Illuminated signage
- Architectural LED installations
- Indoor accent and display lighting

PROVENANCE — REVIEW COPY ONLY

slug	value	source	confidence
wattage	250 W	db	high
current_draw	10.42 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	0.9 lb	db	high
ip_rating	IP20	db	high
ambient_temp_c	-30-50 °C	db	high
warranty_years	3 y	db	high

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