



250W Rainproof LED Power Supply,
24VDC / 20.83A Output, IP67

- Rated output of 250W at 24VDC, 20.83A continuous current
- Dual input compatibility: 110VAC or 220VAC
- IP67 rainproof rating for outdoor and wet-location use
- Aluminum alloy housing for durability and heat dissipation
- Operating ambient temperature range of -30°C to 50°C
- Compact footprint at 10.5 × 4.75 × 2.5 in, 1.9 lb weight

OVERVIEW

The Poli P-FS250-24 is a 250W rainproof LED power supply designed to drive 24VDC LED lighting systems in commercial and industrial applications where exposure to moisture or adverse weather is a concern.

The unit delivers 250W at 24VDC with a rated output current of 20.83A, providing stable power for demanding LED installations. It accepts both 110VAC and 220VAC input, allowing deployment across standard U.S. and international electrical systems. The enclosure is constructed from aluminum alloy and carries an IP67 rating, supporting reliable operation in wet or outdoor environments rated for ambient temperatures of -30°C to 50°C. Dimensions are 10.5 × 4.75 × 2.5 in with a weight of 1.9 lb, backed by a 1-year warranty.

SPECIFICATIONS

ELECTRICAL

Operating Voltage	24 V
Wattage	250 W
Current Draw	20.83 A
Power Supply Input	110 - 220VAC
Power Supply Output	24VDC

ENVIRONMENTAL

IP Rating	IP67
Ambient Operating Temperature	-30-50 °C -22-122 °F

MECHANICAL

Product Dimensions	10.5 × 4.75 × 2.5 in
Material	Aluminum Alloy
Weight	1.9 lb

ORDERING

Warranty	1 y
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APPLICATIONS

- Outdoor architectural LED lighting
- Signage and channel letter illumination
- Landscape and pathway lighting systems
- Commercial exterior building lighting
- Industrial outdoor equipment power supply

PROVENANCE — REVIEW COPY ONLY

slug	value	source	confidence
operating_voltage	24 V	pdf	high

slug	value	source	confidence
wattage	250 W	db	high
current_draw	20.83 A	pdf	high
ps_input	110 - 220VAC	db	high
ps_output	24VDC	db	high
product_dimensions	10.5 × 4.75 × 2.5 in	db	high
material	Aluminum Alloy	db	high
weight	1.9 lb	db	high
ip_rating	IP67	db	high
ambient_temp_c	-30–50 °C	db	high
warranty_years	1 y	db	high

Specifications subject to change without notice.

REVIEW COPY