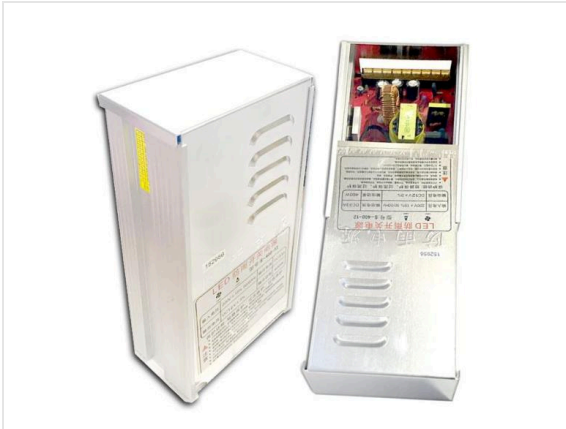




50W Rainproof LED Power Supply, 12VDC Output, 120VAC Input

- Delivers 50W at a stable 12VDC output
- Accepts 100 - 120VAC input for standard line voltage
- IP67 - rated enclosure protects against water ingress
- Aluminum alloy housing for durability in outdoor settings
- Rated for ambient temperatures from -30 to 50 degrees C
- Compact 5.75 × 4.5 × 2.25 in enclosure at 1.4 lb

OVERVIEW

The Poli P-FS50 is a 50W rainproof LED power supply designed for commercial and residential LED lighting installations. Built with an aluminum alloy housing, it is suited for both indoor and outdoor applications where exposure to moisture or harsh weather conditions is a concern.

The unit accepts 100 - 120VAC input and delivers a stable 12VDC output at 50W. Its IP67 - rated enclosure provides protection against water ingress, making it appropriate for demanding outdoor environments. The compact form factor — 5.75 × 4.5 × 2.25 in and 1.4 lb — allows for straightforward integration into a range of fixture types and enclosures. It operates across an ambient temperature range of -30 to 50°C.

SPECIFICATIONS

ELECTRICAL

Operating Voltage	100-120 V
Wattage	50 W
Power Supply Input	100 - 120 VAC
Power Supply Output	12VDC

ENVIRONMENTAL

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

MECHANICAL

Product Dimensions	5.75 × 4.5 × 2.25 in
Material	Aluminum Alloy
Weight	1.4 lb

ORDERING

Warranty	1 y
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APPLICATIONS

Outdoor LED signage power supply

Landscape and pathway lighting installations

Commercial building exterior lighting

Residential deck and patio lighting

LED fixture retrofits in damp locations

PROVENANCE — REVIEW COPY ONLY

slug	value	source	confidence
operating_voltage	100-120 V	pdf	high
wattage	50 W	db	high

slug	value	source	confidence
ps_input	100 - 120 VAC	db	high
ps_output	12VDC	db	high
product_dimensions	5.75 × 4.5 × 2.25 in	db	high
material	Aluminum Alloy	db	high
weight	1.4 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.

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