



500W Rainproof LED Power Supply,
12VDC Output, 110-220VAC Input,
IP67

- Delivers 500W continuous output at 12VDC
- Accepts 110-220VAC input for flexible power sourcing
- IP67 rated for rainproof and wet-location use
- Aluminum alloy housing measures 9.25 × 4.75 × 2.5 in
- Operates in ambient temperatures from -30 to 50 C
- Weighs approximately 2 lb for compact installation

OVERVIEW

The Poli P-FS500 is a 500W rainproof LED power supply designed for commercial and industrial LED lighting installations requiring a stable low-voltage DC source. Its rainproof construction makes it suitable for outdoor and wet-location applications where moisture exposure is a concern.

The unit delivers a 12VDC output at 41.66A from a 110/220VAC input, providing 500W of continuous power to connected LED loads. The aluminum alloy housing measures 9.25 × 4.75 × 2.5 in and weighs approximately 2 lb, offering a compact footprint for installations with limited mounting space. It is rated for ambient operating temperatures from -30 to 50°C.

SPECIFICATIONS

ELECTRICAL

Operating Voltage	110-220 V
Wattage	500 W
Current Draw	41.66 A
Power Supply Input	110 - 220VAC
Power Supply Output	12VDC

ENVIRONMENTAL

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

MECHANICAL

Product Dimensions	9.25 × 4.75 × 2.5 in
Material	Aluminum Alloy
Weight	2 lb

ORDERING

Warranty	1 y
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APPLICATIONS

Outdoor signage lighting

Landscape and architectural LED lighting

Wet-location commercial installations

LED strip lighting power distribution

Exterior building facade lighting

PROVENANCE — REVIEW COPY ONLY

slug	value	source	confidence
operating_voltage	110-220 V	pdf	high
wattage	500 W	db	high

slug	value	source	confidence
current_draw	41.66 A	pdf	high
ps_input	110 - 220VAC	db	high
ps_output	12VDC	db	high
product_dimensions	9.25 × 4.75 × 2.5 in	db	high
material	Aluminum Alloy	db	high
weight	2 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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