



12V DC 38W LED Power Supply, 120–240V AC Input, IP20, Aluminum Alloy

- Constant 12V DC output at 38W rated capacity
- Wide-range 120–240VAC input for global compatibility
- IP20 rated for dry indoor mounting locations
- Aluminum alloy housing with metallic silver finish
- Operating temperature range of -30 to 50°C
- Compact enclosure measuring 3.5 × 2.5 × 1.5 in

OVERVIEW

The Poli P-38 is a 38W constant-voltage LED power supply designed for indoor LED lighting installations. It accepts a wide-range AC input of 120–240V, compatible with standard North American and international supply voltages, and delivers a regulated 12V DC output suitable for driving low-voltage LED strip lighting and similar systems.

Rated at 38 watts output, the unit is housed in an aluminum alloy enclosure with a metallic silver finish and carries an IP20 rating, appropriate for dry indoor environments. It operates across an ambient temperature range of -30 to 50°C and includes built-in protection features to help safeguard connected LED loads from electrical faults.

SPECIFICATIONS

ELECTRICAL

Operating Voltage	12 V
Wattage	38 W
Power Supply Input	110 - 220VAC
Power Supply Output	12VDC

ENVIRONMENTAL

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

MECHANICAL

Product Dimensions	3.5 × 2.5 × 1.5 in
Finish	Metallic Silver
Material	Aluminum Alloy
Weight	0.3 lb

ORDERING

Warranty	1 y
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APPLICATIONS

- Indoor LED strip lighting installations
- Cabinet and display case lighting
- Under-cabinet and cove lighting systems
- Signage and architectural accent lighting

PROVENANCE — REVIEW COPY ONLY

slug	value	source	confidence
operating_voltage	12 V	pdf	high
wattage	38 W	db	high
ps_input	110 - 220VAC	db	high

slug	value	source	confidence
ps_output	12VDC	db	high
product_dimensions	3.5 × 2.5 × 1.5 in	db	high
finish	Metallic Silver	db	high
material	Aluminum Alloy	db	high
weight	0.3 lb	db	high
ip_rating	IP20	db	high
ambient_temp_c	-30–50 °C	db	high
warranty_years	1 y	db	high

Specifications subject to change without notice.

REVIEW COPY