



12V 36W Slim LED Power Supply, 120-240VAC Input, IP20

- Delivers 36W of stable 12VDC output power
- Accepts 120-240VAC input for broad electrical compatibility
- Slim aluminum alloy housing for space-constrained installs
- Rated IP20 for dry indoor environments
- Operates across an ambient range of -30 to 50 degrees C
- Backed by a 1-year manufacturer warranty

OVERVIEW

The Poli P-36S is a 36W slim-profile LED power supply designed for indoor lighting applications. Its low-profile aluminum alloy construction simplifies installation in space-constrained environments and reduces wiring clutter.

The unit delivers a stable 12VDC output at 3A, supporting a range of 12V LED lighting loads up to 36W. It accepts an input voltage of 120-240VAC, making it compatible with standard North American and international electrical systems. The IP20 rating indicates suitability for dry indoor installations, with an operating ambient range of -30 to 50 degrees C.

SPECIFICATIONS

ELECTRICAL

Operating Voltage	12 V
Wattage	36 W
Current Draw	3 A
Power Supply Input	120VAC
Power Supply Output	12VDC

MECHANICAL

Material	Aluminum Alloy
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ENVIRONMENTAL

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

ORDERING

Warranty	1 y
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APPLICATIONS

- Indoor LED strip lighting installations
- Cabinetry and display case lighting
- Signage power supply for indoor units
- Retail and commercial ceiling lighting systems

PROVENANCE — REVIEW COPY ONLY

slug	value	source	confidence
operating_voltage	12 V	pdf	high
wattage	36 W	db	high
current_draw	3 A	pdf	high
ps_input	120VAC	db	high
ps_output	12VDC	db	high
material	Aluminum Alloy	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.