



84W Slim LED Power Supply, 12V DC Output, 90 - 130VAC Input, IP20

- Delivers 84W output power at 12VDC
- Rated for 7A continuous current draw
- Accepts 90-130VAC input voltage
- Aluminum alloy housing for a slim, compact profile
- IP20 rated for dry indoor environments
- Operates across -30 to 50°C ambient temperature range

OVERVIEW

The Poli P-84S is a slim-profile 12V DC LED power supply designed for indoor LED lighting installations. Its compact form factor suits applications where space is limited, including commercial offices, retail environments, and residential settings.

The unit delivers 84W of output power at 12VDC with a 7A current rating, providing stable performance for small to medium-scale lighting setups. It accepts a 90-130VAC input and carries an IP20 ingress protection rating, making it appropriate for dry indoor environments. The housing is constructed from aluminum alloy and it operates across an ambient temperature range of -30 to 50°C.

The unit is backed by a 1-year warranty.

SPECIFICATIONS

ELECTRICAL

Operating Voltage	12 V
Wattage	84 W
Current Draw	7 A
Power Supply Input	90 - 130VAC
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 commercial office lighting
- Retail display lighting
- Residential LED strip installations
- Cabinetry and millwork lighting

PROVENANCE — REVIEW COPY ONLY

slug	value	source	confidence
operating_voltage	12 V	pdf	high
wattage	84 W	db	high
current_draw	7 A	pdf	high
ps_input	90 - 130VAC	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.