



Outdoor LED Power Supply, 80W, 120VAC Input, 12VDC Output, IP65 Rated

- Delivers 80W of constant-voltage output at 12VDC
- Converts 120VAC input for low-voltage lighting circuits
- IP65 rated for wet and outdoor location installations
- Housed in Aluminum Alloy enclosure for durability
- Rated for ambient operating temperatures from -30°C to 50°C
- Backed by a 2-year manufacturer warranty

OVERVIEW

The P-AC80-12 is an 80W constant-voltage power supply that converts 120VAC input to 12VDC output for low-voltage LED lighting circuits. It is intended for pool light and garden light installations where an outdoor-rated driver is required.

The unit delivers 80W at 12VDC and carries an IP65 ingress protection rating, suitable for wet or damp outdoor locations. The enclosure is constructed from Aluminum Alloy and the driver is rated for ambient operating temperatures from -30°C to 50°C.

This power supply is backed by a 2-year manufacturer warranty.

SPECIFICATIONS

ELECTRICAL

Operating Voltage	12 V
Wattage	80 W
Power Supply Input	120VAC
Power Supply Output	12VDC

MECHANICAL

Material	Aluminum Alloy
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ENVIRONMENTAL

IP Rating	IP65
Ambient Operating Temperature	-30-50 °C -22-122 °F

ORDERING

Warranty	2 y
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APPLICATIONS

Pool lighting circuits

Garden and landscape lighting

Outdoor low-voltage fixture runs

Walkway and pathway lighting

slug	value	source	confidence
operating_voltage	12 V	pdf	high
wattage	80 W	db	high
ps_input	120VAC	db	high
ps_output	12VDC	db	high
material	Aluminum Alloy	db	high
ip_rating	IP65	db	high
ambient_temp_c	-30-50 °C	db	high
warranty_years	2 y	db	high

Specifications subject to change without notice.

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