



Outdoor LED Power Supply, 600W, 120VAC to 12VDC, IP65 Rated

- Delivers 600W continuous output at 12VDC
- Accepts 120VAC input for standard outdoor circuits
- IP65 rated enclosure for wet and outdoor locations
- Aluminum alloy housing for outdoor durability
- Rated for ambient temperatures from -30°C to 50°C
- Backed by a 2-year manufacturer warranty

OVERVIEW

The P-AC600-12 is a 600W constant-voltage power supply that converts 120VAC input to 12VDC output for commercial and landscape LED lighting applications, including pool surrounds, garden installations, and low-voltage outdoor systems. Rated at 600W continuous output, this unit carries an IP65 ingress protection rating, suitable for wet and outdoor environments where moisture and dust exposure are expected. The enclosure is constructed from aluminum alloy and is rated for operation across an ambient temperature range of -30°C to 50°C. This power supply is backed by a 2-year manufacturer warranty.

SPECIFICATIONS

ELECTRICAL

Operating Voltage	12 V
Wattage	600 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 and spa lighting installations
- Garden and landscape lighting circuits
- Low-voltage outdoor LED lighting systems
- Commercial exterior accent lighting

slug	value	source	confidence
operating_voltage	12 V	pdf	high
wattage	600 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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