



300W 12VDC Outdoor LED Power Supply, Triac & 0-10V Dimmable, IP67, UL Listed

- Delivers 300W continuous output at 12VDC
- Supports Triac and 0-10V dimming protocols
- IP67 rated enclosure for dust and water intrusion protection
- Input voltage range of 90-130VAC
- Aluminum alloy housing with black finish
- 3-year manufacturer warranty

OVERVIEW

The P-S300-D-UL is a dimmable outdoor LED power supply designed for commercial and architectural lighting installations requiring reliable, weatherproof constant-voltage power delivery. It supports both Triac and 0-10V dimming protocols, making it compatible with a broad range of dimming controls and LED driver configurations.

The unit delivers 12VDC output at 300W continuous load capacity with a 25A current rating. Input voltage is rated for 90-130VAC. An IP67 enclosure rating provides protection against dust ingress and temporary water immersion, suitable for exposed or semi-exposed outdoor installations. The housing is constructed from aluminum alloy with a black finish and rated for ambient operating temperatures from -30 to 50 degrees Celsius.

The unit is UL Listed and includes a 3-year warranty.

SPECIFICATIONS

ELECTRICAL

Operating Voltage	12 V
Wattage	300 W
Dimmer Type	Triac + 0-10V
Power Supply Input	90 - 130VDC
Power Supply Output	12VDC

ENVIRONMENTAL

IP Rating	IP67
Ambient Operating Temperature	-30-50 °C -22-122 °F

MECHANICAL

Product Dimensions	2.28*7.2*3.2cm
Finish	Black
Material	Aluminum Alloy
Weight	2.4 lb

ORDERING

Warranty	3 y
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CERTIFICATIONS & COMPLIANCE



UL Listed

APPLICATIONS

- Outdoor architectural lighting installations
- Landscape and facade lighting systems
- Commercial signage power supply
- Exterior LED strip and fixture driving
- Weatherproof lighting control systems

PROVENANCE — REVIEW COPY ONLY

slug	value	source	confidence
operating_voltage	12 V	pdf	high
wattage	300 W	db	high
dimmer_type	Triac + 0 - 10V	db	high
ps_input	90 - 130VDC	db	high
ps_output	12VDC	db	high
product_dimensions	2.28*7.2*3.2cm	db	high
finish	Black	db	high
material	Aluminum Alloy	db	high
weight	2.4 lb	db	high
ip_rating	IP67	db	high
ambient_temp_c	-30-50 °C	db	high
warranty_years	3 y	db	high

Specifications subject to change without notice.

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