



300W 12V DC Dimmable LED Power Supply, Triac & 0-10V, 120VAC Input

- Delivers 300W output at 12V DC
- Accepts 90-130VAC input voltage
- Supports Triac and 0-10V dimming protocols
- IP20 rated for dry indoor environments
- Aluminum alloy housing, 24.5 × 6.4 × 2.9 cm
- 3-year manufacturer warranty, CE certified

OVERVIEW

The P-300S-D is a 12V DC dimmable LED power supply designed for indoor commercial and architectural lighting installations. Its slim aluminum alloy housing measures 24.5 × 6.4 × 2.9 cm, allowing installation in space-constrained enclosures and junction boxes.

The unit delivers 300W of output at 12V DC from a 90-130VAC input and supports both Triac and 0-10V dimming protocols, enabling compatibility with common dimming systems. It carries an IP20 rating, suitable for dry indoor environments, and operates across an ambient range of -30 to 50°C. The power supply is backed by a 3-year manufacturer warranty and CE certification.

SPECIFICATIONS

ELECTRICAL

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

ENVIRONMENTAL

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

MECHANICAL

Product Dimensions	24.5*6.4*2.9cm
Material	Aluminum Alloy
Weight	1 lb

ORDERING

Warranty	3 y
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CERTIFICATIONS & COMPLIANCE



APPLICATIONS

- Architectural cove lighting
- Commercial signage power feeds
- Indoor LED strip installations
- Retail display lighting
- Junction box mounted driver enclosures

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 - 130VAC	db	high
ps_output	12VDC	db	high
product_dimensions	24.5*6.4*2.9cm	db	high
material	Aluminum Alloy	db	high
weight	1 lb	db	high
ip_rating	IP20	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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