



300W 24V DC Dimmable LED Power Supply, Triac & 0-10V, 120V AC Input

- Delivers 300W of continuous output at 24V DC
- Supports Triac and 0-10V dimming for wide dimmer compatibility
- Accepts 90-130VAC input voltage range
- Aluminum alloy housing rated IP20 for indoor use
- Operates across an ambient temperature range of -30 to 50 degrees C
- Backed by a 3-year warranty and CE certification

OVERVIEW

The P-300S-24-D is a slim, dimmable LED power supply designed for indoor commercial and residential LED lighting installations. Its compact aluminum alloy housing allows for straightforward integration into space-constrained environments.

The unit delivers 300W at 24V DC and supports both Triac and 0-10V dimming, providing compatibility with a range of dimmer systems. It accepts a 90-130VAC input voltage range and carries an IP20 protection rating, making it suitable for dry indoor applications. Dimensions are 9.75 × 2.75 × 1.5 in with a weight of approximately 1 lb, and it operates across an ambient temperature range of -30 to 50 degrees C.

This power supply carries CE certification and is backed by a 3-year warranty.

SPECIFICATIONS

ELECTRICAL

Operating Voltage	24 V
Wattage	300 W
Dimmer Type	Triac + 0-10V
Power Supply Input	90 - 130VAC
Power Supply Output	24VDC

ENVIRONMENTAL

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

MECHANICAL

Product Dimensions	9.75 × 2.75 × 1.5 in
Material	Aluminum Alloy
Weight	1 lb

ORDERING

Warranty	3 y
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CERTIFICATIONS & COMPLIANCE



APPLICATIONS

- Indoor LED strip lighting installations
- Cabinetry and display case lighting
- Commercial retrofit lighting projects
- Residential accent lighting systems
- Signage and architectural lighting

PROVENANCE — REVIEW COPY ONLY

slug	value	source	confidence
operating_voltage	24 V	pdf	high
wattage	300 W	db	high
dimmer_type	Triac + 0-10V	db	high
ps_input	90 - 130VAC	db	high
ps_output	24VDC	db	high
product_dimensions	9.75 × 2.75 × 1.5 in	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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