



150W 12V DC Dimmable LED Power Supply, Triac and 0-10V, 90-130VAC Input

- Delivers 150W output at 12V DC with 12.5A current rating
- Accepts 90-130VAC input for standard indoor electrical systems
- Supports Triac and 0-10V dimming for control system integration
- IP20 rated for dry indoor environments only
- Aluminum alloy housing with metallic silver finish
- Rated for ambient operating temperatures from -30 to 50 degrees C

OVERVIEW

The P-150-D is a 150W, 12V DC dimmable LED power supply designed for indoor commercial and professional lighting installations. Its compact aluminum alloy housing suits integration in tight spaces where driver clearance is limited.

The unit delivers 150W at 12V DC with a 12.5A current rating and accepts 90-130VAC input. It supports both Triac and 0-10V dimming protocols, allowing compatibility with a range of lighting control systems. The IP20 rating designates it for dry, indoor environments, with an operating ambient range of -30 to 50 degrees C.

The P-150-D carries a CE mark and is backed by a 3-year manufacturer warranty.

SPECIFICATIONS

ELECTRICAL

Operating Voltage	90-130 V
Wattage	150 W
Current Draw	12.5 A
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	16*4.8*2.9cm
Finish	Metallic Silver
Material	Aluminum Alloy
Weight	0.75 lb

ORDERING

Warranty	3 y
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CERTIFICATIONS & COMPLIANCE



APPLICATIONS

- Indoor commercial lighting installations
- Retail display and accent lighting systems
- LED strip and fixture driver replacement
- Architectural lighting with dimming control integration

PROVENANCE — REVIEW COPY ONLY

slug	value	source	confidence
operating_voltage	90–130 V	pdf	high
wattage	150 W	db	high
current_draw	12.5 A	pdf	high
dimmer_type	Triac + 0–10V	db	high
ps_input	90 - 130VAC	db	high
ps_output	12VDC	db	high
product_dimensions	16*4.8*2.9cm	db	high
finish	Metallic Silver	db	high
material	Aluminum Alloy	db	high
weight	0.75 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.