



Laptop - Style Power Supply, 48W,
100 - 240VAC to 12VDC/4A, ETL Listed,
IP20

- 48W output at 12VDC and 4A from a 100 - 240VAC input
- Aluminum alloy enclosure measuring 119mm x 52mm x 32mm
- Rated IP20 for dry indoor installation
- Open circuit, short circuit, overload and input surge protection
- 86 percent efficiency at 220VAC under full load
- ETL listed with a 3-year warranty

OVERVIEW

A laptop-style external power supply for 12VDC LED lighting systems and compatible low-voltage equipment. A 2 flat-leg AC cord is included for straightforward connection in commercial and light industrial installations.

The unit accepts 100 - 240VAC input and delivers a regulated 12VDC output at 4A for 48W total. Conversion efficiency is 85 percent at 110VAC and 86 percent at 220VAC under full load. The aluminum alloy enclosure measures 119mm x 52mm x 32mm, carries an IP20 rating, and operates from -30 to 50 degrees C at 20 to 80 percent RH. Protection circuits cover open circuit, short circuit, overload and input surge conditions.

ETL listed and covered by a 3-year warranty.

SPECIFICATIONS

ELECTRICAL

Operating Voltage	12 V
Wattage	48 W
Current Draw	4 A
Power Supply Input	110 - 250VAC
Power Supply Output	12VDC
Input Connection Type	2 flat-leg AC cord

ENVIRONMENTAL

IP Rating	IP20
Ambient Operating Temperature	-30-50 °C -22-122 °F
Operating Humidity	20-80% RH

MECHANICAL

Product Dimensions	119mm*52mm*32mm
Material	Aluminum Alloy

ORDERING

Warranty	3 y
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CERTIFICATIONS & COMPLIANCE



ETL Listed

APPLICATIONS

- Indoor LED strip and cove lighting
- Retail display and casework lighting
- Under-cabinet and millwork installations
- Low-voltage signage and cabinet lighting

PROVENANCE — REVIEW COPY ONLY

slug	value	source	confidence
operating_voltage	12 V	pdf	high
wattage	48 W	pdf	high
current_draw	4 A	pdf	high
ps_input	110 - 250VAC	db	high
ps_output	12VDC	db	high
input_connection_type	2 flat-leg AC cord	pdf	high
product_dimensions	119mm*52mm*32mm	pdf	high
material	Aluminum Alloy	db	high
ip_rating	IP20	db	high
ambient_temp_c	-30-50 °C	db	high
operating_humidity	20-80% RH	pdf	high
warranty_years	3 y	db	high

Specifications subject to change without notice.

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