



12V DC 40W Laptop-Style Power Supply, 100-240VAC Wide Input

- Delivers stable 12VDC output at 40W
- Accepts wide-range 100-240VAC input for global compatibility
- Aluminum alloy housing for durable construction
- Rated IP20 for indoor use
- Operates across -30 to 50 degrees C ambient range
- Backed by a 1-year warranty

OVERVIEW

The P-LT48 is a compact AC-to-DC power supply designed to deliver stable 12VDC output from a wide-range AC input of 100-240VAC, making it compatible with standard electrical systems across multiple regions. It is intended for use with laptops and similar low-voltage DC-powered equipment requiring consistent power delivery.

The unit supplies a 40W output at 12VDC and is constructed with an aluminum alloy housing rated IP20. It operates across an ambient temperature range of -30 to 50 degrees C, and the wide input voltage range eliminates the need for manual voltage switching when operating in different AC environments.

The power supply is backed by a 1-year warranty.

SPECIFICATIONS

ELECTRICAL

Operating Voltage	100-240 V
Wattage	40 W
Power Supply Input	100 - 240VAC
Power Supply Output	12VDC

MECHANICAL

Material	Aluminum Alloy
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ENVIRONMENTAL

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

ORDERING

Warranty	1 y
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APPLICATIONS

- Laptop charging in offices
- Portable equipment power supply for travel
- Low -voltage DC equipment in indoor commercial settings
- Replacement power adapter for laptop -style devices

PROVENANCE — REVIEW COPY ONLY

slug	value	source	confidence
operating_voltage	100–240 V	pdf	high
wattage	40 W	db	high
ps_input	100 - 240VAC	db	high
ps_output	12VDC	db	high
material	Aluminum Alloy	db	high
ip_rating	IP20	db	high
ambient_temp_c	-30–50 °C	db	high
warranty_years	1 y	db	high

Specifications subject to change without notice.

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