



30W 5V DC Laptop-Style Power Supply, 100–240V AC Input, IP20

- Universal 100 - 240VAC input for global voltage compatibility
- Regulated 5VDC output rated up to 6A continuous current
- 30W rated power capacity for laptop and light-duty electronics
- Aluminum alloy enclosure for durability and heat dissipation
- IP20 environmental rating for indoor installation
- Operating temperature range of -30°C to 50°C

OVERVIEW

The P-LT30-5 is a 30W switching power supply designed to convert AC mains voltage to a regulated 5V DC output, suitable for laptop and light-duty electronic equipment applications. Its universal input range of 100–240V AC makes it compatible with power grids across multiple regions without requiring manual voltage selection.

The unit delivers a stable 5V DC output at up to 6A continuous current, with a rated power capacity of 30W. The enclosure is constructed from aluminum alloy and is rated for ambient operating temperatures of -30°C to 50°C, with an IP20 environmental rating for indoor use.

The P-LT30-5 carries a 1-year warranty.

SPECIFICATIONS

ELECTRICAL

Wattage	30 W
Current Draw	6 A
Power Supply Input	100 - 240VAC
Power Supply Output	5VDC

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 stations

Indoor electronic equipment power supply

Light-duty control panel power source

Office and commercial equipment power conversion

PROVENANCE — REVIEW COPY ONLY

slug	value	source	confidence
wattage	30 W	db	high
current_draw	6 A	pdf	high
ps_input	100 - 240VAC	db	high
ps_output	5VDC	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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