



250W Waterproof LED Power Supply, 12VDC Output, IP67, UL Listed

- 250W output rating for driving LED lighting loads
- Accepts 90 - 130VAC input voltage range
- Delivers 12VDC output at 20.83A
- IP67 - rated enclosure for dust and water resistance
- Aluminum housing in black finish
- Rated for ambient temperatures from -30°C to 50°C

OVERVIEW

The P-S250-UL is a 250W outdoor LED power supply designed for commercial and industrial lighting installations requiring a reliable, weatherproof power source. Its IP67 - rated enclosure provides full protection against dust ingress and temporary water immersion, making it suitable for exposed outdoor environments.

The unit accepts an input voltage range of 90 - 130VAC and delivers a 12VDC output at 20.83A, supporting consistent power delivery to connected LED lighting systems. The aluminum construction contributes to thermal management and long - term durability, and the unit is rated for ambient operating temperatures from -30°C to 50°C.

This power supply carries a UL listing and is backed by a 3-year manufacturer warranty.

SPECIFICATIONS

ELECTRICAL

Operating Voltage	12 V
Wattage	250 W
Current Draw	20.83 A
Power Supply Input	90 - 130VAC
Power Supply Output	12VDC

ENVIRONMENTAL

IP Rating	IP67
Ambient Operating Temperature	-30-50 °C -22-122 °F

MECHANICAL

Product Dimensions	2.28*7.2*3.2cm
Finish	Black
Material	Aluminum

ORDERING

Warranty	3 y
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CERTIFICATIONS & COMPLIANCE



UL Listed

APPLICATIONS

- Outdoor architectural lighting systems
- Landscape and pathway lighting
- Signage illumination
- Commercial building perimeter lighting
- Industrial outdoor equipment power

slug	value	source	confidence
operating_voltage	12 V	pdf	high
wattage	250 W	db	high
current_draw	20.83 A	pdf	high
ps_input	90 - 130VAC	db	high
ps_output	12VDC	db	high
product_dimensions	2.28*7.2*3.2cm	db	high
finish	Black	db	high
material	Aluminum	db	high
ip_rating	IP67	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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