



Indoor LED Power Supply, 1000W,
120VAC Input, 12VDC Output, 80A,
IP20

- 1000W total output power for large-scale LED installations
- 120VAC input converts to regulated 12VDC output
- Delivers up to 80A of output current
- Aluminum alloy enclosure for structural durability
- IP20 environmental rating for indoor use
- Ambient operating range of -30°C to 50°C

OVERVIEW

The P-1000-12 is a 1000W enclosed power supply designed to convert AC line voltage to regulated 12VDC output, suitable for powering large-scale LED lighting installations in commercial and industrial applications.

This unit operates on 120VAC input and delivers a 12VDC output at up to 80A, providing 1000W of total output power. The enclosure is constructed from aluminum alloy and carries an IP20 environmental rating, with an ambient operating range of -30°C to 50°C. Rated LED lifetime support is 50,000 hours.

The unit is backed by a 1-year warranty.

SPECIFICATIONS

OPTICAL

LED Lifetime50,000 h

MECHANICAL

MaterialAluminum Alloy

ORDERING

Warranty1 y

APPLICATIONS

- Commercial LED lighting installations
- Signage power supply
- Industrial LED retrofit projects
- Indoor architectural lighting systems

slug	value	source	confidence
led_lifetime_h	50,000 h	db	high
operating_voltage	120–12 V	pdf	medium
wattage	1,000 W	db	high
current_draw	80 A	pdf	high
ps_input	120VAC	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.

REVIEW COPY