



## 5V 100W LED Power Supply, 120–240V AC Input, IP20, Aluminum Alloy

- 100W output rating for LED lighting loads
- Universal 110–220VAC input for global compatibility
- IP20 rated for dry indoor installation
- Aluminum alloy housing with metallic silver finish
- Rated for ambient operating temperatures of -30°C to 50°C
- 1-year manufacturer warranty

### OVERVIEW

The Poli P-100-5 is a 100W LED power supply designed for commercial and industrial LED lighting systems. Its input compatibility spans 110V to 220V AC, allowing integration across standard North American and international electrical installations.

The unit delivers 100W of output power at 5V DC, housed in an aluminum alloy enclosure measuring 1.38 × 5 × 2.3 cm and weighing 1.2 lbs. The compact profile supports straightforward installation in space-constrained applications. An IP20 rating indicates suitability for dry, indoor environments, with an ambient operating range of -30°C to 50°C.

The unit carries a 1-year warranty.

### SPECIFICATIONS

#### ELECTRICAL

|                     |              |
|---------------------|--------------|
| Operating Voltage   | 110–220 V    |
| Wattage             | 100 W        |
| Power Supply Input  | 110 - 220VAC |
| Power Supply Output | 10VDC        |

#### ENVIRONMENTAL

|                               |                         |
|-------------------------------|-------------------------|
| IP Rating                     | IP20                    |
| Ambient Operating Temperature | -30–50 °C<br>-22–122 °F |

#### MECHANICAL

|                    |                 |
|--------------------|-----------------|
| Product Dimensions | 1.38*5*2.3cm    |
| Finish             | Metallic Silver |
| Material           | Aluminum Alloy  |
| Weight             | 1.2 lb          |

#### ORDERING

|          |     |
|----------|-----|
| Warranty | 1 y |
|----------|-----|

### APPLICATIONS

- Indoor commercial lighting installations
- LED signage power distribution
- Retail display lighting systems
- Architectural lighting control rooms
- Cabinet and enclosure-mounted LED driver setups

### PROVENANCE — REVIEW COPY ONLY

| slug              | value     | source | confidence |
|-------------------|-----------|--------|------------|
| operating_voltage | 110–220 V | pdf    | high       |
| wattage           | 100 W     | db     | high       |

| slug               | value           | source | confidence |
|--------------------|-----------------|--------|------------|
| ps_input           | 110 - 220VAC    | db     | high       |
| ps_output          | 10VDC           | db     | high       |
| product_dimensions | 1.38*5*2.3cm    | db     | high       |
| finish             | Metallic Silver | db     | high       |
| material           | Aluminum Alloy  | db     | high       |
| weight             | 1.2 lb          | 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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