

PUC-103 Series is a range of 35W RoHS compliant single output Constant Current IP67 Rated power supplies suitable for LED lighting applications both indoor and outdoors.

- Constant current mode power supply
- 90 ~ 264VAC Universal AC input
- Epoxy encapsulated fully isolated plastic case with IP67 level
- Withstand 300VAC surge input for 5 seconds
- Short circuit, over voltage protections
- Cooling by free air convection
- Meets UL1310 Class 2 & LPS requirements

Applications

- Architectural LED lighting
- Garden lighting
- Retail displays
- Accent lighting
- Moving signs
- Machine vision applications



35W RoHS Compliant IP67 Rated Constant Current LED Lighting Power Supplies

★ Specification

IP Rating	IP67
Input Voltage	90 ~ 264VAC
Input Frequency	47Hz to 63Hz
Input Current	1.1A/115VAC 0.7A/230VAC
Inrush Current	30A/115VAC 60A/230VAC, cold start
Efficiency	85%
Voltage Tolerance	±5.0%

Operating Temperature	-30°C ~ +60°C
Storage Temperature	-40°C to +80°C
MTBF	628.3Khrs min MIL-HDBK-217F (25°C), ground benign
Safety Standards	Designed to meet UL1310, CAN/CSA C22.2 No. 223-M91(except for 48V), TUV EN60950-1
EMI Standards	Compliance to EN55022 (CISPR22) Class B, EN61000-3-2,-3; EN61000-4-2,3,4,5,6,8,11;

Dimensions	148 x 40 x 30mm (Case: 8011BB)
Weight	370g
Input Connections	600mm 18AWG Cable
Output Connections	600mm 16AWG Cable

EN55024, light industry level, criteria A



IP67

LPS



Part number	Voltage	Current	Power	OVP
PUC-1032	9-48V	700mA	33.6W	50.4 ~ 60V
PUC-1033	9-30V	1050mA	31.5W	31.5 ~ 40.5V
PUC-1034	9-24V	1400mA	33.6W	27.6 ~ 32.4V

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★ Mechanical Drawing

