

PUC-102 Series is a range of 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 current, 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 sign applications



## 20W 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	0.55A/115Vac 0.35A/230Vac
Inrush Current	35A/115Vac 70A/230Vac, cold start
Leakage Current	0.25mA/240Vac
Power Factor	Non PFC

Efficiency	83%
Voltage Tolerance	±5.0%
Operating Temperature	-30°C ~ +60°C
Storage Temperature	-40°C to +80°C
MTBF	786.5Khrs min MIL-HDBK-217F (25°C), ground benign
Safety Standards	Designed to meet UL879, UL1310 Class 2, CAN/CSA C22.2 No. 223-M91 (except for 48V), TUV EN60950-1, EN61347-2-13

EMI Standards	Compliance to EN55022 (CISPR22) Class B, EN61000-3-2,-3; EN61000-4-2,3,4,5,6,8,11; ENV50204, EN55024, light industry level, criteria A
Dimensions	118 x 35 x 26mm (Case 8011BF)
Weight	240g
Input Connections	600mm 18AWG Cable
Output Connections	600mm 18AWG Cable



IP67

LPS



Part number	Voltage	Current	Power	OVP
PUC-1021	9V-48V	350mA	16.8W	50.4 ~ 60V
PUC-1022	9-30V	700mA	21W	31.5 ~ 40.5V

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## ★ Mechanical Drawing

