

PUC-V10 Series is a range of RoHS compliant single output Constant Voltage power supplies suitable for LED lighting applications both indoors and outdoors.

- Constant voltage design
- 90 ~ 264VAC Universal AC input
- Epoxy encapsulated fully isolated plastic case with IP67
- Withstand 300VAC surge input for 5 seconds
- Short circuit, over load, over voltage protections
- Cooling by free air convection level

## Applications

- Commercial LED lighting
- Channel lettering
- Moving sign applications



## 100W Single Output IP67 Rated Constant Voltage LED Lighting Power Supplies

### ★ Specification

IP Rating	IP67	
Input Voltage	90-264VAC	
Input Frequency	47 ~ 63Hz	
Input Current	1.1A/115Vac	0.7A/230Vac
Inrush Current	30A/115Vac	75A/230Vac
Leakage Current	0.25mA/230Vac	
Power Factor	Non PFC	

Voltage Tolerance	±5.0 %; ±8.0 % for 5V
Load Regulation	±2.0 %; ±6.0 % for 5V
Operating Temperature	-25°C ~ +70°C
Storage Temperature	-40°C to +80°C
MTBF	703Khrs min MIL-HDBK-217F (25°C), ground benign
Safety Standards	Designed to meet 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; EN55024, light industry level, criteria A
Dimensions	L190mm x W52mm x H37 mm (Case: 8015FA)
Weight	630g
Input Connections	300mm UL 1015 18AWG
Output Connections	300mm UL 1015 14AWG



IP67



Part number	Voltage	Current	Power	R&N	Eff	OVP
PUC-V10A	5V	12A	60W	80mV	80%	5.75 - 6.75V
PUC-V10C	12V	8.5A	102W	120mV	85%	13.8 - 16.2V
PUC-V10D	15V	6.7A	100.5W	120mV	87%	17.25 - 20.25V
PUC-V10G	24V	4.2A	100.8W	150mV	88%	27.6 - 32.4V
PUC-V10K	36V	2.8A	100.8W	150mV	88%	41.4 - 48.6V
PUC-V10M	48V	2.1A	100.8W	150mV	89%	55.2 - 64.8V

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## ★ Mechanical Drawing

