

PCV100E Series

100W IP67 Constant Voltage LED Power Supplies



Oldham Lighting
The Art of Illumination



Case: 8040AG
186 x 70 x 40 mm

Features

- Universal AC input
- High Efficiency
- Over load, short circuit and thermal protection
- SELV equivalent
- Class II product
- Cooling by free air convection
- Long life and high reliability
- Suitable for indoor lighting applications



Specification

INPUT	Voltage	220V ~ 240VAC	
	Frequency	47 ~ 63 Hz	
	Power Factor	0.95	
OUTPUT	MODEL No.	PCV12100E	PCV24100E
	Voltage	12V	24V
	Current	8.4A	4.2A
	Power	100W	100W
	R&N	700mA	500mA
	Efficiency (TYP.)	90%	90%
PROTECTIONS	Over Load	Auto recovery	
	Over Temperature	Thermal	
ENVIRONMENT	Temperature	Operating: -20~+50°C; Storage: -20~+70°C	
SAFETY	Safety Standard	Designed to meet EN61347-1, EN61347-2-13	
	EMI Standard	Meets Emissions to EN55015, EN61547, EN61000-3-2, EN61000-3-3	
OTHERS	Lifetime	50K hours full load 25°C	
	Case	8040AG	

1. All parameters NOT specially mentioned are measured at 230VAC input, rated load and 25°C of ambient temperature.
2. Ripple & noise are measured at 20MHz of bandwidth by using a 12" twisted pair-wire terminated with a 0.1uf & 47uf parallel capacitor.
3. Tolerance : includes set up tolerance, line regulation and load regulation.
4. Derating may be needed under low input voltage. Please check the static characteristics for more details.
5. The power supply is considered a component that will be operated in combination with final equipment. Since EMC performance will be affected by the complete installation, the final equipment manufacturers must re-qualify EMC Directive on the complete installation.
6. Length of set up time is measured at first cold start. Turning the power supply ON/OFF may lead to increase of the set up time.
7. Suitable for indoor use only.

Dimensions

