

# PCV36E Series

36W IP67 Constant Voltage LED Power Supplies



Case: 8042CL  
169 x 55 x 30 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	<b>Voltage</b>	100V ~ 240VAC	
	<b>Frequency</b>	47 ~ 63 Hz	
	<b>Power Factor</b>	0.9	
OUTPUT	<b>MODEL No.</b>	<b>PCV1236E</b>	<b>PCV2436E</b>
	<b>Voltage</b>	12V	24V
	<b>Current</b>	3A	1.5A
	<b>Power</b>	36W	36W
	<b>R&amp;N</b>	500mV	150mV
	<b>Efficiency</b>	82%	84%
PROTECTIONS	<b>Over Load</b>	Auto recovery	
	<b>Over Temperature</b>	Thermal	
ENVIRONMENT	<b>Temperature</b>	Operating: -20~+50°C; Storage: -20~+70°C	
SAFETY	<b>Safety Standard</b>	Designed to meet EN61347-1, EN61347-2-13	
	<b>EMI Standard</b>	Meets Emissions to EN 55015, EN61547, EN61000-3-2, EN 61000-3-3	
OTHERS	<b>Lifetime</b>	50K hours full load 25°C	
	<b>Case</b>	8042CL	

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.

