

PCV1 is a 10W RoHS compliant single 12V output Constant Voltage power supply, of waterproof design, suitable for LED lighting applications both indoors and out.

- Universal Input Voltage
- IP65 design for indoor or outdoor installation
- Low Power 10W unit
- Convection Cooled
- Short circuit & over temperature protections
- Prewired for convenience

## Applications

- LED street lighting
- LED signs
- LED strips and tapes
- LED chain letters
- Outdoor LED lighting
- Display cases
- LED downlights and Office lighting



## 10W 12V IP65 Rated Constant Voltage LED Lighting Power Supply

### ★ Specification

Part Number	PCV1
Voltage	12V
Current	830mA
Power	10W
IP Rating	IP65
Input Voltage	100-240V
Input Frequency	50Hz to 60Hz
Input Current	0.085A@230Vac
Power Factor	0.05
Voltage Tolerance	±1V
Efficiency	higher than 68%

Set Up Time	< 1s
Over Load Protection	20% exceed is allowing
Operating Temperature	-10°C to +40°C
Storage Temperature	-20°C to +80°C
Safety Standards	Designed to meet EN61347-1:2001 /EN61347-2-13:2001
EMI Standards	Meets Emissions to EN 55105, EN61547
Dimensions	L65 x W35 x H23mm (Case: 8092CN)
Weight	105g
Input Connections	2 core double insulated cable VDE H03VV-F 3G*0.75mm <sup>2</sup> Brown & blue (L=200mm)

**Output Connections** 2 core double insulated cable for each channel VDE H03VV-F 2G\*0.75mm<sup>2</sup> Black & red (L=200mm)



IP65



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## ★ Mechanical Drawing

