

PCV36-240W Series are a range of 36W to 240W IP65 rated, RoHS compliant single output constant Voltage led drivers suitable for indoor and outdoor LED lighting applications.

- Universal AC input
- High Efficiency
- Over load/short circuit and over voltage protections
- SELV equivalent
- Cooling by free air convection
- Class 2 output
- Long life and high reliability

Applications

- Residential LED lighting
- Display cases
- LED downlights
- LED Backlighting
- Mood lighting
- Light sculptures



RoHS Compliant IP65 Constant Voltage LED Lighting Power Supplies

★ Specification

IP Rating	IP65
Input Voltage	100 to 240Vac 220 to 240Vac for 100W & 200W
Input Frequency	47Hz to 63Hz
Power Factor	0.95 (0.9/36W)
Over Load Protection	Auto recovery

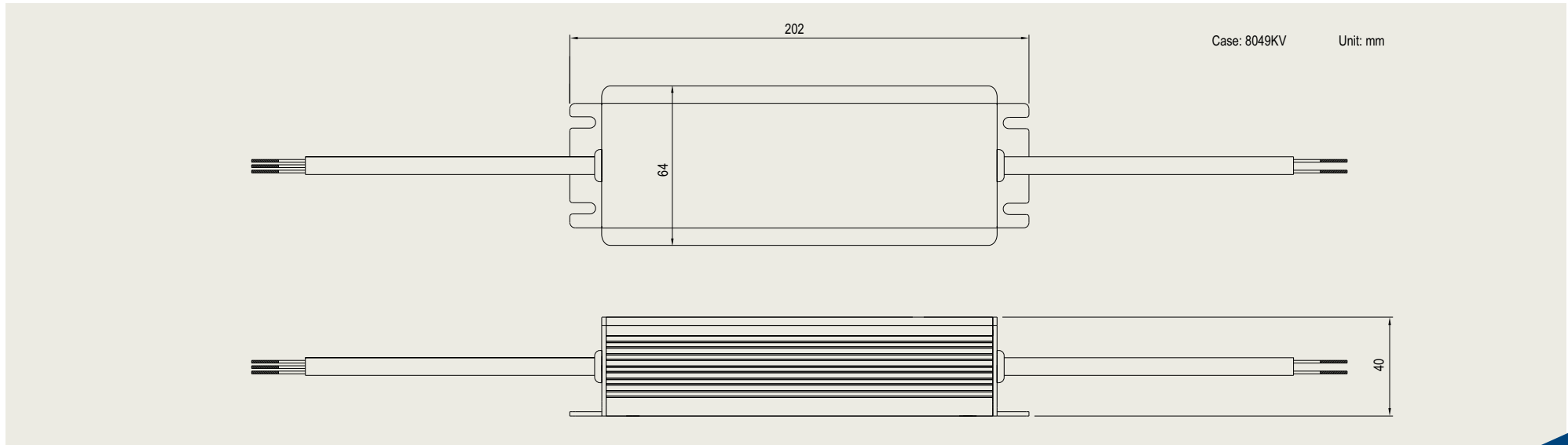
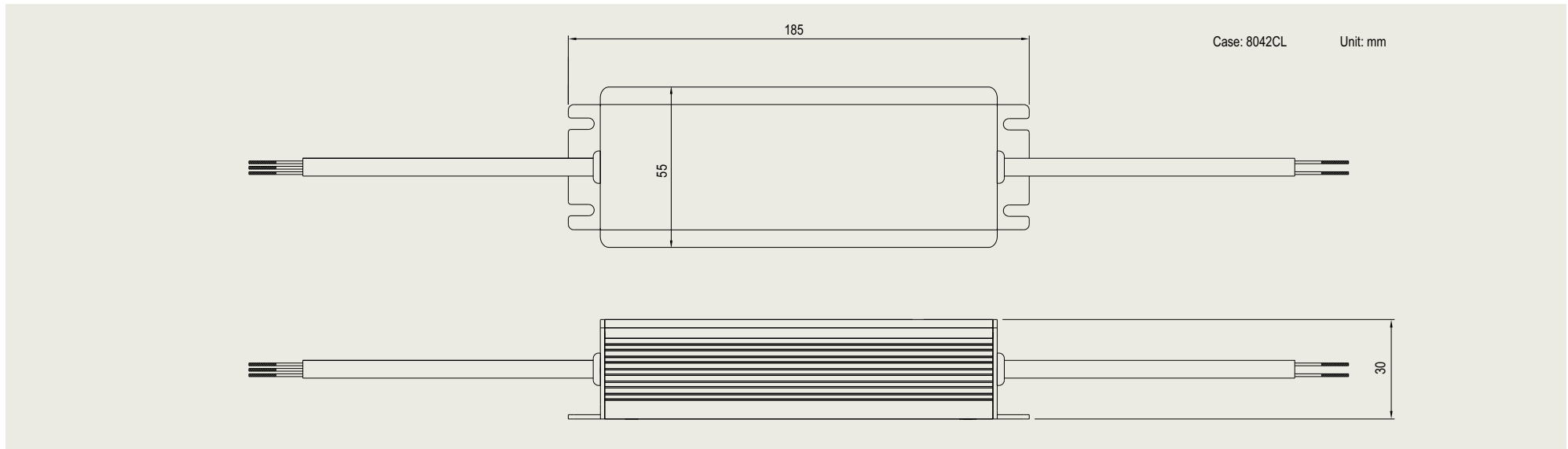
Operating Temperature	-20°C to +50°C
Storage Temperature	-20°C to +70°C
Lifetime	50K hours full load 25°C
Safety Standards	Designed to meet EN61347-1, EN61347-2-13
EMI Standards	Meets Emissions to EN 55015, EN61547, EN61000-3-2, EN 61000-3-3

Input Connections	3C cable
Output Connections	2C cable



Part number	Voltage	Current	Power	Eff.	Weight	Dimensions
PCV1236E	12V	0-3.0A	36W	83%	500g	185 x 55 x 30mm (Case: 8042CL)
PCV1275E	12V	0-6.25A	75W	87%	780g	202 x 64 x 40mm (Case: 8049KV)
PCV12100E	12V	0-8.4A	100W	87%	780g	202 x 64 x 40mm (Case: 8049KV)
PCV12150E	12V	0-12.5A	150W	91%	1000g	222 x 70 x 40mm (Case: 8049KF)
PCV12200E	12V	0-16.8A	200W	91%	1000g	222 x 70 x 40mm (Case: 8049KF)
PCV12240E	12V	0-18.0A	240W	91%	1100g	244 x 70 x 40mm (Case: 8049KP)
PCV2436E	24V	0-1.5A	36W	85%	500g	185 x 55 x 30mm (Case: 8042CL)
PCV2475E	24V	0-3.15A	75W	89%	60g	202 x 64 x 40mm (Case: 8049KV)
PCV24100E	24V	0-4.2A	100W	89%	780g	202 x 64 x 40mm (Case: 8049KV)
PCV24150E	24V	0-6.3A	150W	93%	1000g	222 x 70 x 40mm (Case: 8049KF)
PCV24200E	24V	0-8.4A	200W	93%	1000g	222 x 70 x 40mm (Case: 8049KF)
PCV24240E	24V	0-10.0A	240W	93%	1100g	244 x 70 x 40mm (Case: 8049KP)

★ Mechanical Diagram



★ Mechanical Diagram

