

LED Power & Control - Constant Voltage Dimming IP67 Rated

Product Features

- 16W to 320W models available
- High Efficiency
- Built in 1-10Vdc, PWM signal, resistive, triac & DALI dimming options available
- High PFC >0.9
- Over load, short circuit and over voltage protections
- SELV Equivalent
- Cooling by free air convection
- Class II output
- Long life and high reliability

The PowerLed range of IP67 Drivers are designed to operate and improve the reliability of LED lighting applications. Offering an input mains capability of up to 305VAC a power factor of 0.97; and efficiency figures of greater than 80%, these high reliability drivers are a suitable choice for many outdoor installations.

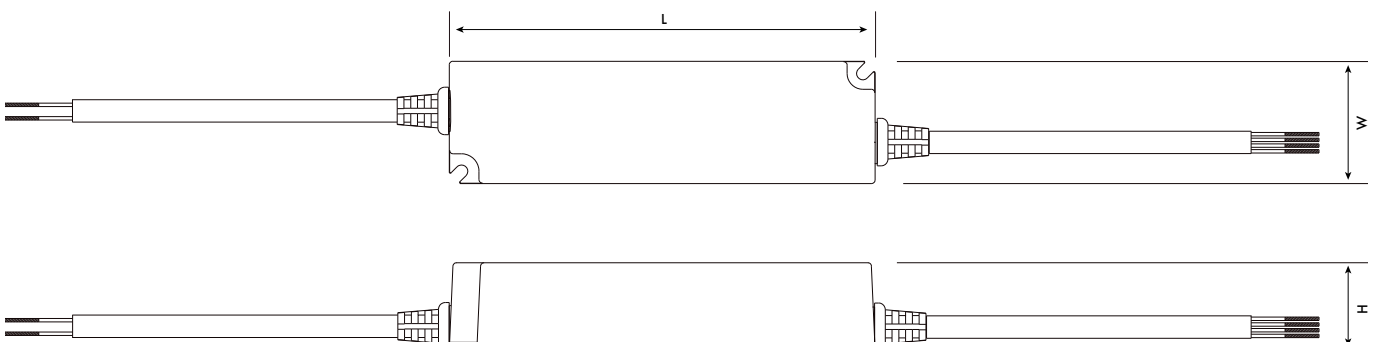
PEC-V01-PD SERIES - 16W IP67 LED DRIVERS



Part Code	PEC-V01C-PD	PEC-V01G-PD
Dimming Function	1 ~ 10V, PWM or resistive dimming	1 ~ 10V, PWM or resistive dimming
Input Voltage	90 ~ 305VAC	90 ~ 305VAC
Input Frequency	47/63Hz	47/63Hz
Power Factor	0.95	0.95
Power	16W	16W
Voltage	12Vdc	24Vdc
Current Range	0 ~ 1.34A	0 ~ 0.67A
Efficiency	83%	84.5%
Connections (input)	300mm SJTW 2C 18AWG	300mm SJTW 2C 18AWG
Connections (output)	300mm SJTW 4C 18AWG	300mm SJTW 4C 18AWG
Weight	210g	210g
Dimensions	L 148 x W 40 x H 32mm	L 148 x W 40 x H 32mm



PEC-V01-PD & PEC-V02-PD Mechanical



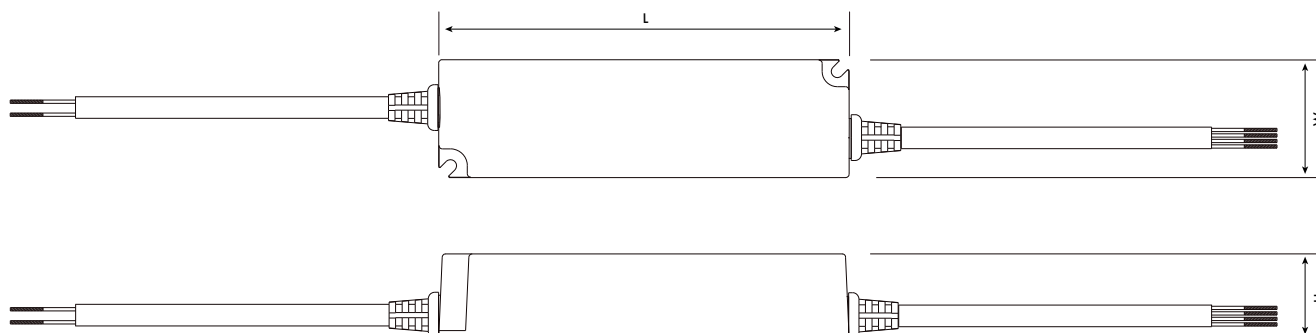
PEC-V02-PD SERIES - 25W IP67 LED DRIVERS



Part Code	PEC-V02C-PD	PEC-V02G-PD
Dimming Function	1 ~ 10V, PWM or resistive dimming	1 ~ 10V, PWM or resistive dimming
Input Voltage	90 ~ 305VAC	90 ~ 305VAC
Input Frequency	47/63Hz	47/63Hz
Power Factor	0.95	0.95
Power	25W	25W
Voltage	12Vdc	24Vdc
Current Range	0 ~ 2.1A	0 ~ 1.05A
Efficiency	84%	85.5%
Connections (input)	300mm SJTW 2C 18AWG	300mm SJTW 2C 18AWG
Connections (output)	300mm SJTW 4C 18AWG	300mm SJTW 4C 18AWG
Weight	360g	360g
Dimensions	L 148 x W 40 x H 32mm	L 148 x W 40 x H 32mm



PEC-V01-PD & PEC-V02-PD Mechanical



Outdoor LED drivers designed by PowerLed, to operate and improve the reliability of LED lighting applications outdoors. These outdoor LED drivers have IP67 waterproof ratings so that they are resistant to ingress from water to the level of low pressure jets and totally protected against dust; making them ideal for the majority of outdoor lighting solutions.



PEC-V04-PD SERIES - 40W IP67 LED DRIVERS

Part Code	PEC-V04C-PD	PEC-V04G-PD
Dimming Function	1 ~ 10V, PWM or resistive dimming	1 ~ 10V, PWM or resistive dimming
Input Voltage	90 ~ 305VAC	90 ~ 305VAC
Input Frequency	47/63Hz	47/63Hz
Power Factor	0.95	0.95
Power	40W	40W
Voltage	12Vdc	24Vdc
Current Range	0 ~ 3.34A	0 ~ 1.67A
Efficiency	84%	87%
Connections (input)	300mm SJTW 2C 18AWG	300mm SJTW 2C 18AWG
Connections (output)	300mm 2464 2C 14AWG & 22AWG	300mm 2464 2C 14AWG & 22AWG
Weight	450g	450g
Dimensions	L 162.5 x W 43.5 x H 32mm	L 162.5 x W 43.5 x H 32mm

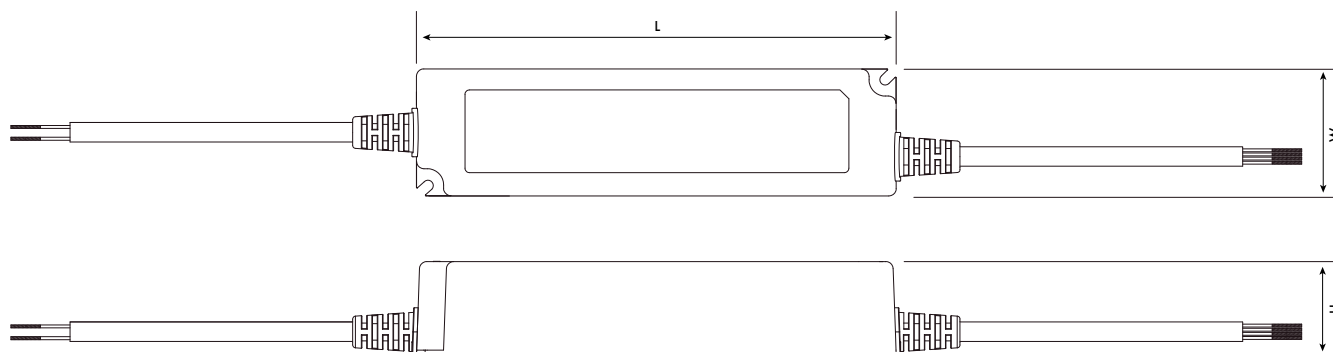


PEC-V06-PD SERIES - 60W IP67 LED DRIVERS

Part Code	PEC-V06C-PD	PEC-V06G-PD
Dimming Function	1 ~ 10V, PWM or resistive dimming	1 ~ 10V, PWM or resistive dimming
Input Voltage	90 ~ 305VAC	90 ~ 305VAC
Input Frequency	47/63Hz	47/63Hz
Power Factor	0.95	0.95
Power	60W	60W
Voltage	12Vdc	24Vdc
Current Range	0 ~ 5A	0 ~ 2.5A
Efficiency	86%	89%
Connections (input)	300mm SJTW 2C 18AWG	300mm SJTW 2C 18AWG
Connections (output)	300mm 2464 2C 14AWG & 22AWG	300mm 2464 2C 14AWG & 22AWG
Weight	450g	450g
Dimensions	L 162.5 x W 43.5 x H 32mm	L 162.5 x W 43.5 x H 32mm



PEC-V04-PD & PEC-V06-PD Mechanical



MWH-V12-BP SERIES - 120W IP67 LED DRIVERS



Part Code	MWH-V12C-BP	MWH-V12G-BP
Dimming Function	1 ~ 10V, PWM or resistive dimming	1 ~ 10V, PWM or resistive dimming
Input Voltage	90 ~ 305VAC	90 ~ 305VAC
Input Frequency	47/63Hz	47/63Hz
Power Factor	0.95	0.95
Power	120W	120W
Voltage	12Vdc	24Vdc
Current Range	0 ~ 10A	0 ~ 5A
Efficiency	92%	93%
Connections (input)	300mm SJTW 3C 18AWG	300mm SJTW 3C 18AWG
Connections (output)	300mm SJTW 2C 14AWG & 18AWG	300mm SJTW 2C 14AWG & 18AWG
Weight	1120g	1120g
Dimensions	L 220 x W 68 x H 38.8mm	L 220 x W 68 x H 38.8mm



MWH-V24-BP SERIES - 240W IP67 LED DRIVERS



Part Code	MWH-V24C-BP	MWH-V24G-BP
Dimming Function	1 ~ 10V, PWM or resistive dimming	1 ~ 10V, PWM or resistive dimming
Input Voltage	90 ~ 305VAC	90 ~ 305VAC
Input Frequency	47/63Hz	47/63Hz
Power Factor	0.95	0.95
Power	192W	240W
Voltage	12Vdc	24Vdc
Current Range	0 ~ 16A	0 ~ 10A
Efficiency	90%	93%
Connections (input)	300mm SJTW 3C 18AWG	300mm SJTW 3C 18AWG
Connections (output)	300mm SJTW 2C 14AWG & 18AWG	300mm SJTW 2C 14AWG & 18AWG
Weight	1300g	1300g
Dimensions	L 244.2 x W 68 x H 38.8mm	L 244.2 x W 68 x H 38.8mm



MWH-V12-BP Series 120W Driver Mechanical

