

PEC-V06 PD Series are constant voltage led lighting power supplies offering wide range 90-305Vac input, built in active PFC and flexible dimming functions. With IP67 rating for applications susceptible to dust and moisture, they also comply with UL8750, EN61347-2-13 regulations and EN55015 of lighting regulations

- IP67 design for indoor or outdoor installation
- Built in 1-10Vdc, PWM signal & resistor dimming function options
- Convection Cooled
- Short circuit, over load, over voltage & over temperature protections

Applications

- LED street lighting
- Electronic LED displays
- Decorative LED lighting
- LED stage lighting
- LED signs



60W Single Output Dimming IP67 Rated LED Lighting Power Supply

★ Specification

IP Rating	IP67
Input Voltage	90-305V
Input Frequency	47Hz to 63Hz
Input Current	0.8A/115Vac 0.4A/230VAC
Leakage Current	<0.75mA
Power Factor	>0.95/230VAC >0.98/115VAC >0.9/60-100% load
Voltage Tolerance	±4.0%

Set Up Time	1000ms
Over Current Protection	95-108%
Over Temperature Protection	90°C ±10°C (RTH2)
Operating Temperature	-30°C to +50°C
Storage Temperature	-40°C to +80°C
MTBF	396.7K hours full load 25°C (MIL-HDBK-217F)
Safety Standards	Designed to meet EN61347-

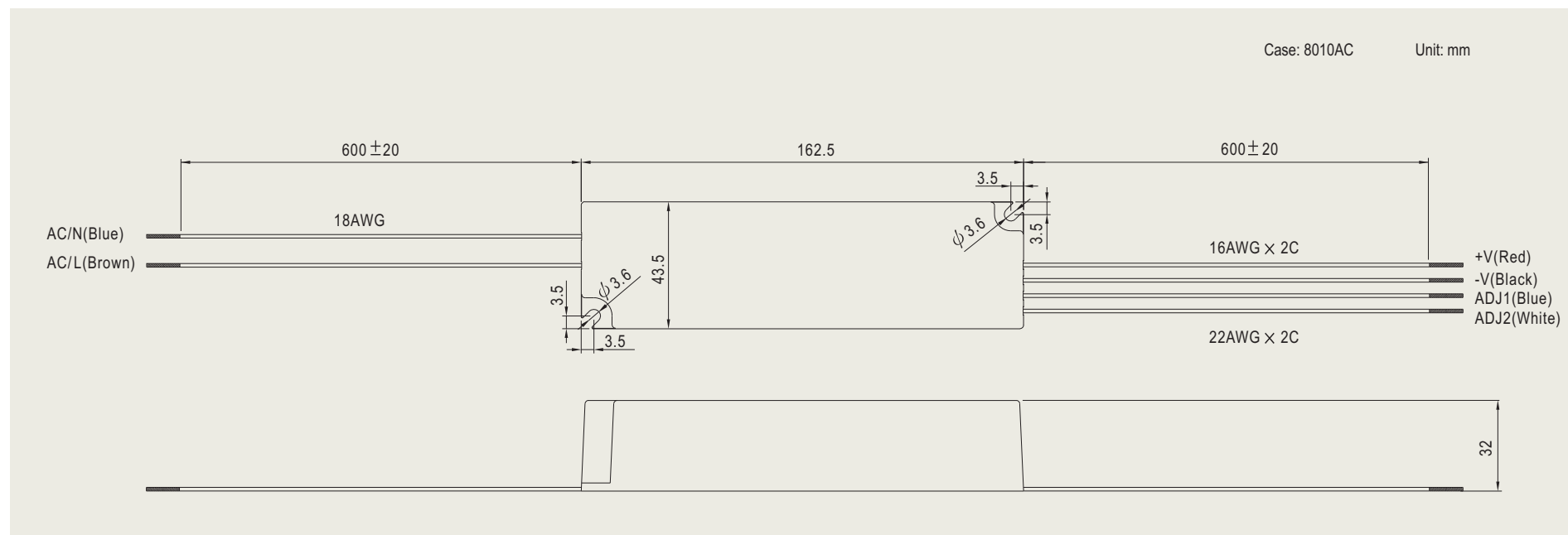
EMI Standards	Meets Emissions to EN 55105, EN61547
Dimensions	L162.5mm x W43.5mm x H32mm
Weight	450g
Input Connections	18AWG Brown & Blue (L=600mm)
Output Connections	16AWG 2 core Black & red (L=600mm) 22AWG 2 core Blue & White (L=600mm)



Part No	Output Voltage	Constant Current Region	Rated Current	Rated Pwr	Eff.	OVP
PEC-V06C-PD	12V	7.2-12V	5A	60W	86%	15-17V
PEC-V06D-PD	15V	9-15V	4A	60W	87%	17.5-21V
PEC-V06F-PD	20V	12-20V	3A	60W	88%	23-27V
PEC-V06G-PD	24V	14.4-24V	2.5A	60W	89%	28-35V
PEC-V06J-PD	30V	18-30V	2A	60W	90%	34-40V
PEC-V06K-PD	36V	21.6-36V	1.67A	60.12W	90%	41-49V
PEC-V06L-PD	42V	25.2-42V	1.43A	60.06W	90%	46-54V
PEC-V06M-PD	48V	28.8-48V	1.25A	60W	90%	54-63V
PEC-V06N-PD	54V	32.4-54V	1.12A	60.48W	90%	59-66V

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★ Mechanical Drawing



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PEC-V06N-PD	54V	32.4-54V	1.12A	60.48W	90%	59-66V