

150W LED Driver

Constant Voltage Series

KAV-XX150-O-P7 【150W 12V/24V/36V/48V 】

Product Overview

- KAV-XX150-O-P7 is a LED driver that can provide Constant Voltage output.
- Isolated power supply design
- Flicker free.
- Meet EU updated standby energy consumption standards
- Meet EU CE standard, Australian SAA standard
- More than 16 years of market quality verification



Product Feature

- Single channel 12V or 24V or 36V or 48V constant voltage output
- Input voltage range from 100VAC to 240VAC
- Waterproof level IP 66, PF factor design is 0.9, and the efficiency is up to 85%
- Protections: Short circuit, over load, over current
- Product 100% aging test before shipment
- Suitable for LED CV lighting, such as LED Tube, LED strip lights, LED wall washing lights, LED AR111 lights, etc



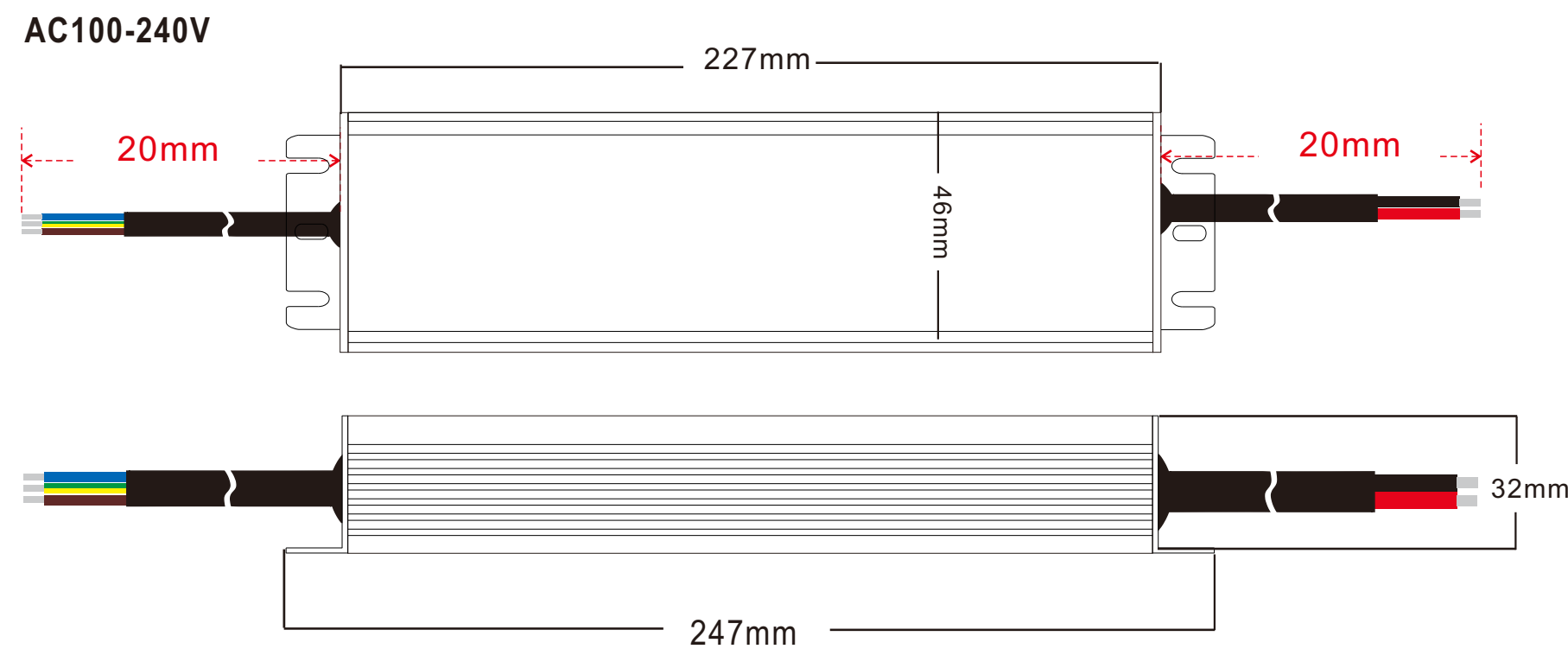
Technical Parameters

Model		KAV-12150-O-P7	KAV-24150-O-P7	KAV-36150-O-P7	KAV-48150-O-P7
Input	Efficiency	85%@230VAC,Full load		88%@230VAC,Full load	
	Voltage	100VAC~240VAC			
	Frequency	50~60Hz			
	Power Factor	>0.9 @230VAC,Full load			
	Standby power	0.5W			
	Current	0.84Amax@220VAC		0.82Amax@220VAC	
	Leakage current	<3mA/240V			
Output	Direct voltage	12VDC	24VDC	36VDC	48VDC
	Rated current	12.5A (10A@50℃)	6.25A (5A@50℃)	4.16A (3.2A@50℃)	3.12A (2.5A@50℃)
	Rated Power	Max150W			
	Current Tolerance	12V±0.5V	24V±0.5V	36V±0.5V	48V±0.5V
	Open circuit voltage	13V	25V	37V	49V
	RipplIt and noise(max)	150mV<mVP-P		200mV<mVP-P	
	Channel	1Channel			
Protection	Short circuit protection	Connect wrong output positive negative pole,still can work normally			
	Overload protection	When a predetermined current or voltage is exceeded,it enters a protected state			
	Temperature protection	The chip itself has protection			
Safety&EMC	High-voltage insulation test	I/P-O/P:3.75KVAC			
	Insulation resistance	I/P-O/P:>100M Ohms/500VDC/25℃ /70% RH			
	Safety Standards	IEC/EN61347-1,IEC/EN61347-2-13			
	EMC Eission	EN IEC 55015,EN61000-3-2, IEC61000-3-3			
	EMC Immunity	EN 61547			
Others	Working Temp.	-45℃ ~+50℃			
	Storage Temp.; Humidity	-40℃ ~85℃ ,20-90%RH			
	Temperature point-Tc	80℃			
	Shell Material	Aluminium			
	IP Rating	IP 66			
	Lifetime	50,000h @ta:25℃			
	Warranty Condition	3 years			
	Switch Cycle	>15000times			
	Net weight	450g			
	Dimension	247x46x32mm			

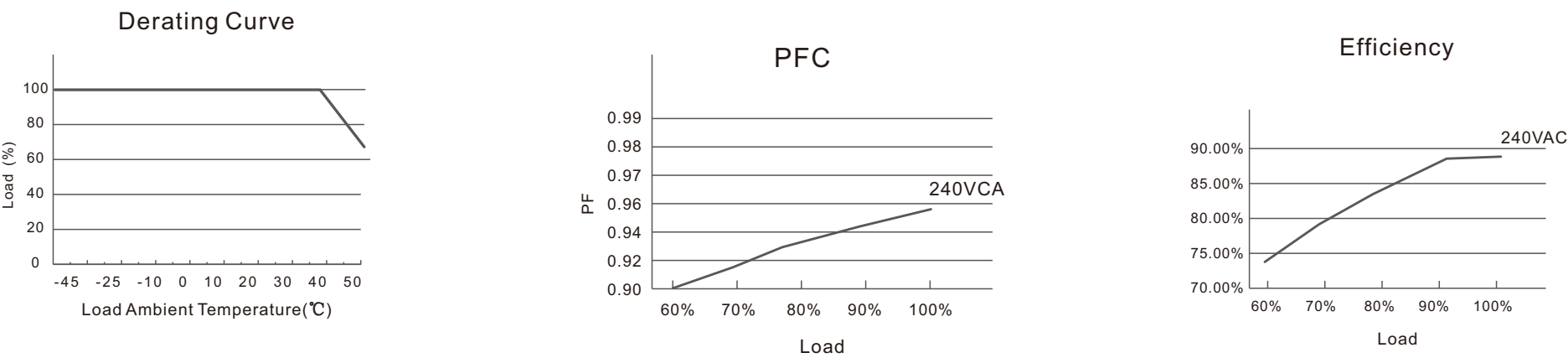


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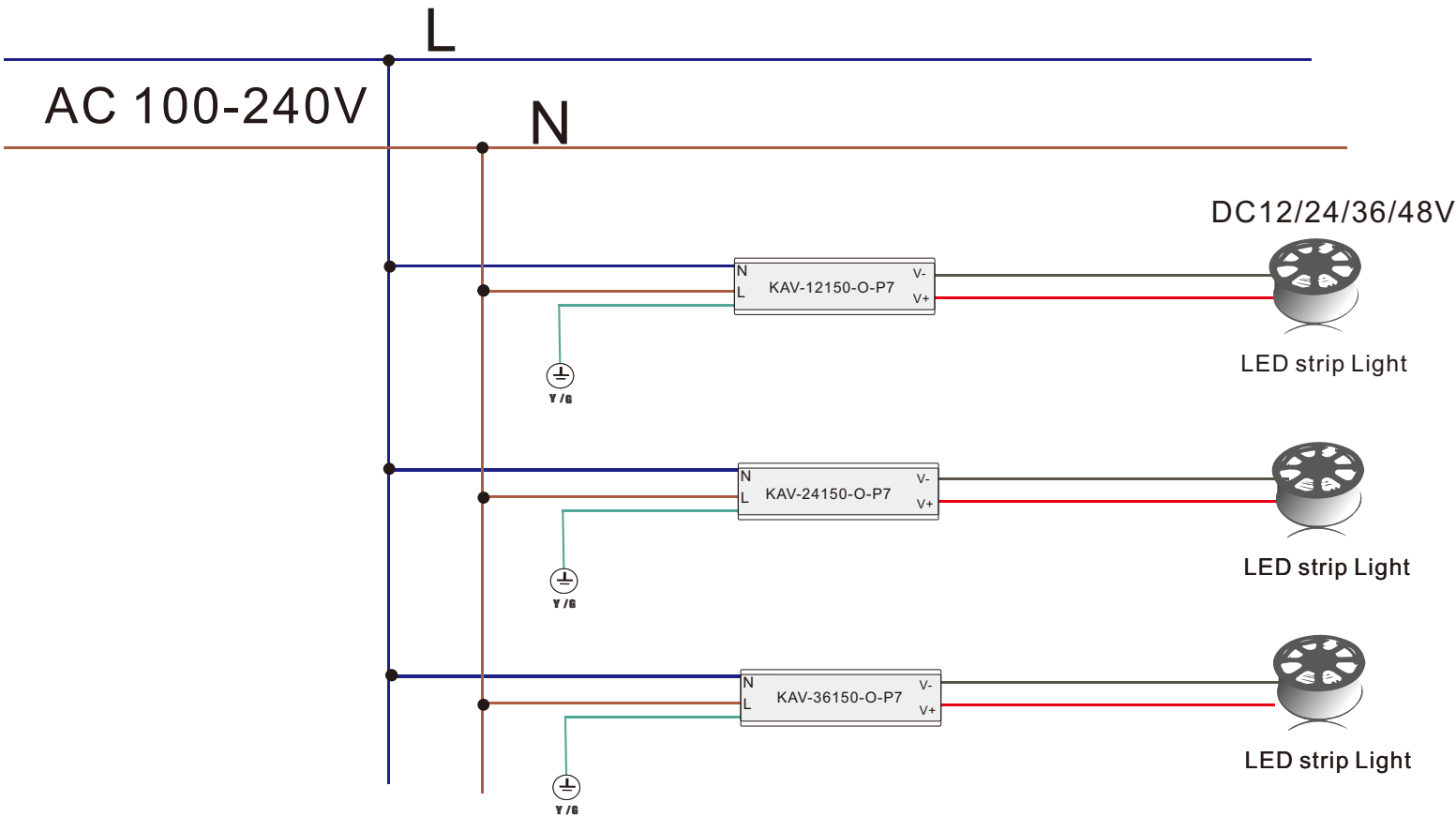
Wiring Diagram



LED driver performance chart



LED Driver connection diagrams



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