



KAV-XX100-O-P7 220v 【100W 12V/24V】

Product Overview

- KAV-XX100-O-P7 220V 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 constant voltage output
- Input voltage range from 220VAC to 240VAC
- Waterproof level IP66, 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



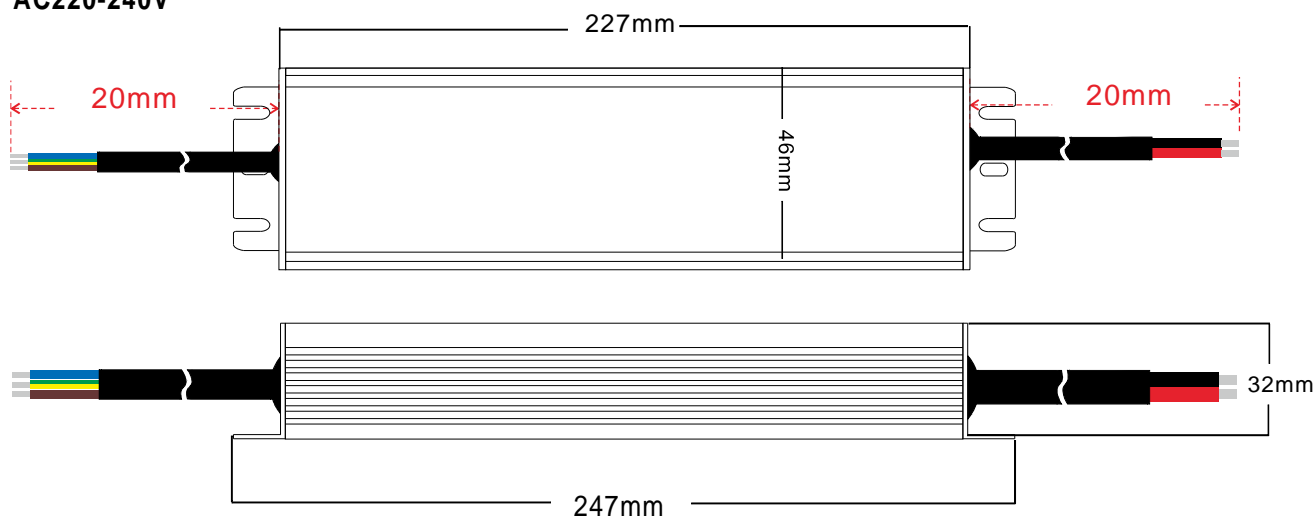
Technical Parameters

Model		KAV-12100-O-P7 220V	KAV-24100-O-P7 220V
Input	Efficiency	85% @230VAC, Full load	
	Voltage	220VAC~240VAC	
	Frequency	50~60Hz	
	Power Factor	>0.9 @230VAC, Full load	
	Standby power	0.5W	
	Current	0.56Amax @220VAC	
	Leakage current	<3mA/240V	
Output	Direct voltage	12VDC	24VDC
	Rated current	8.3A (6.6A @50 °C)	4.1A (3.3A @50 °C)
	Rated Power	Max100W	
	Current Tolerance	12V±0.5V	24V±0.5V
	Open circuit voltage	13V	25V
	Ripple 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°C/70% RH	
	Safety Standards	IEC/EN61347-1, IEC/EN61347-2-13	
	EMC Emission	EN IEC 55015, EN61000-3-2, IEC61000-3-3	
	EMC Immunity	EN 61547	
Others	Working Temp.	-45°C ~ +50°C	
	Storage Temp.; Humidity	-40°C ~ +85°C, 20-90%RH	
	Temperature point-Tc	VN°C	
	Shell Material	Aluminium	
	IP Rating	IP 66	
	Lifetime	50,000h @ta:25°C	
	Warranty Condition	3 years	
	Switch Cycle	>15000times	
	Net weight	680g	
	Dimension	247x46x32mm	

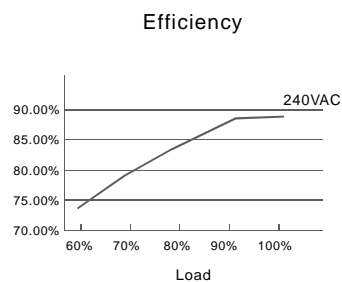
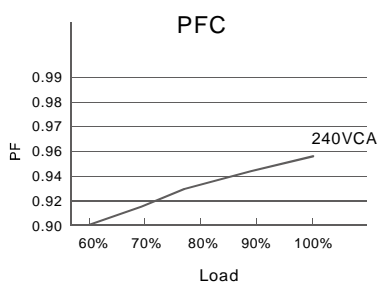
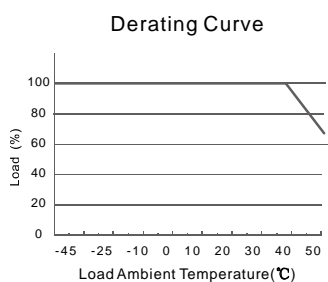


Wiring Diagram

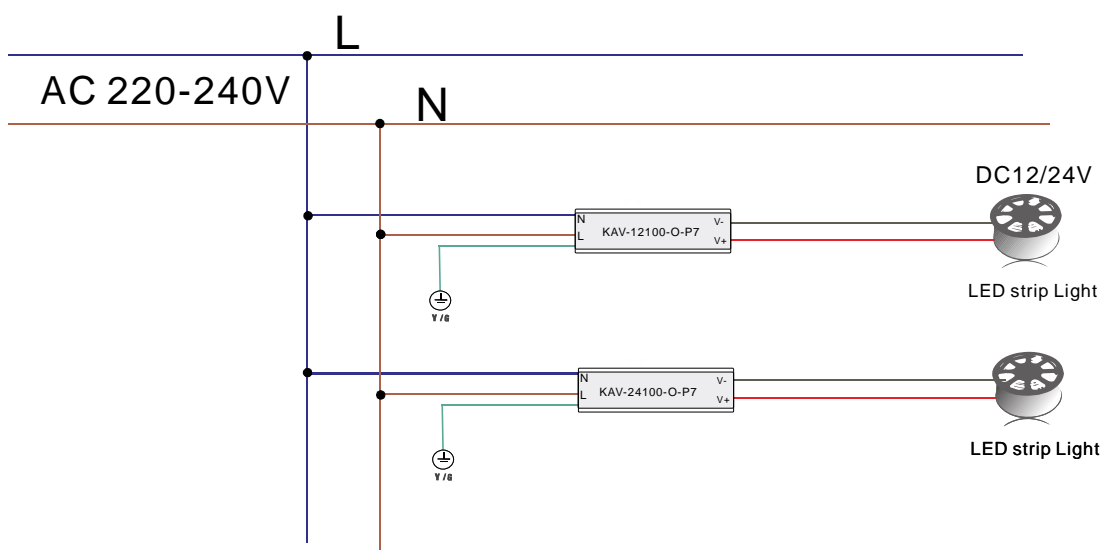
AC220-240V



LED driver performance chart



LED Driver connection diagrams



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