



### KAV-12200-O-P7 【OEM 200W 12V】

#### Product Overview

- ☐ KAV-12200-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

- ☐ 4 channel 12V constant voltage output
- ☐ Input voltage range from 220VAC 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



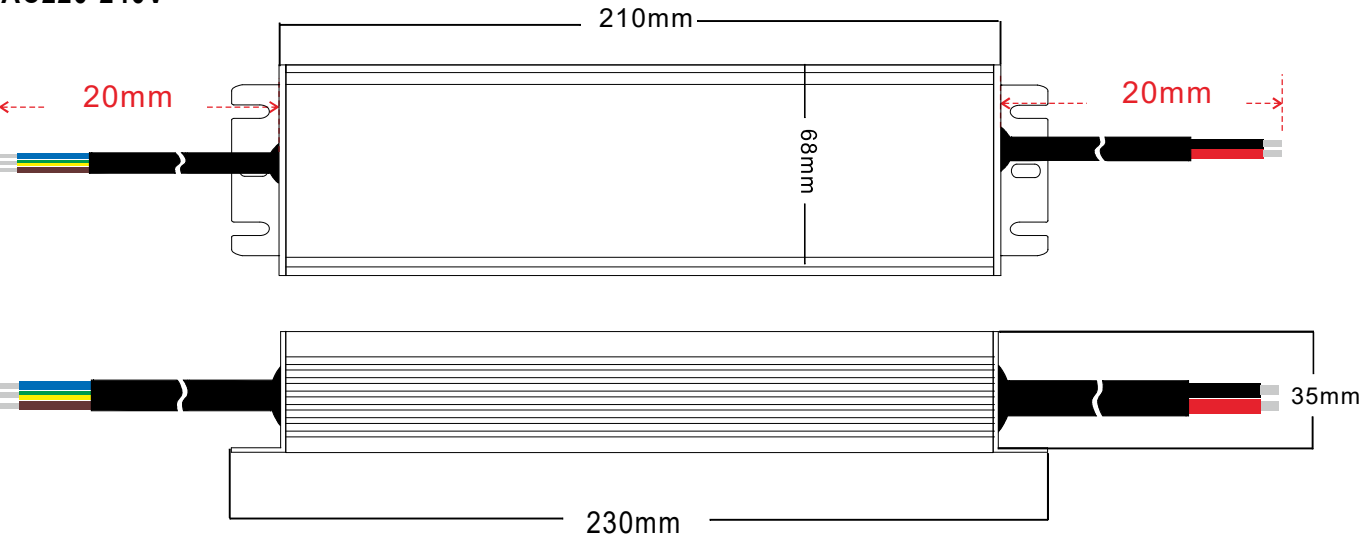
#### Technical Parameters

Model		KAV-12200-O-P7
Input	Efficiency	90%@230VAC, Full load
	Voltage	220VAC~240VAC
	Frequency	50~60Hz
	Power Factor	>0.9 @230VAC, Full load
	Standby power	0.5W
	Current	1.06Amax@220VAC
	Leakage current	<3mA/240V
Output	Direct voltage	12VDC
	Rated current	16.6A (13.3A@50C)
	Rated Power	Max200W
	Current Tolerance	12V ± 0.5V
	Open circuit voltage	13V
	Ripple and noise(max)	150mV<mVP-P
	Channel	4Channel
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 Emission	EN IEC 55015, EN61000-3-2, IEC61000-3-3
	EMC Immunity	EN 61547
	Working Temp.	-45℃ ~+50℃
Others	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	1300g
	Dimension	230x68x35mm

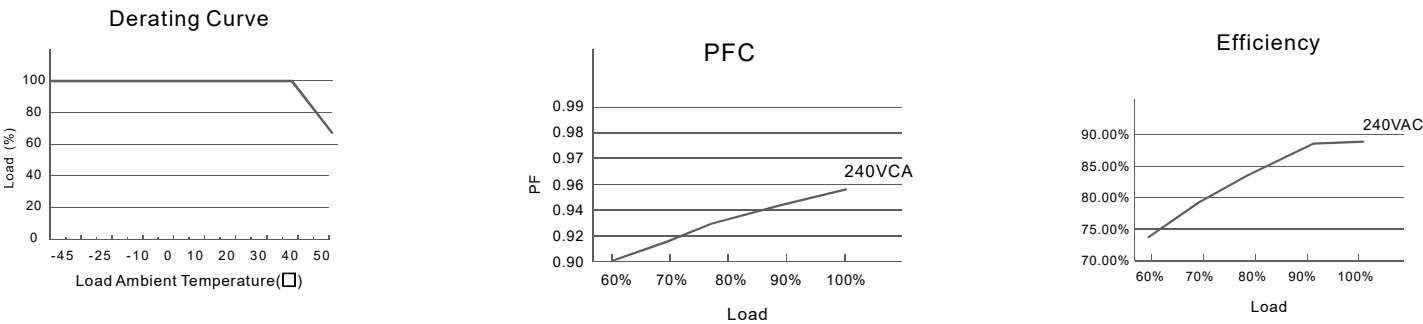


Wiring Diagram

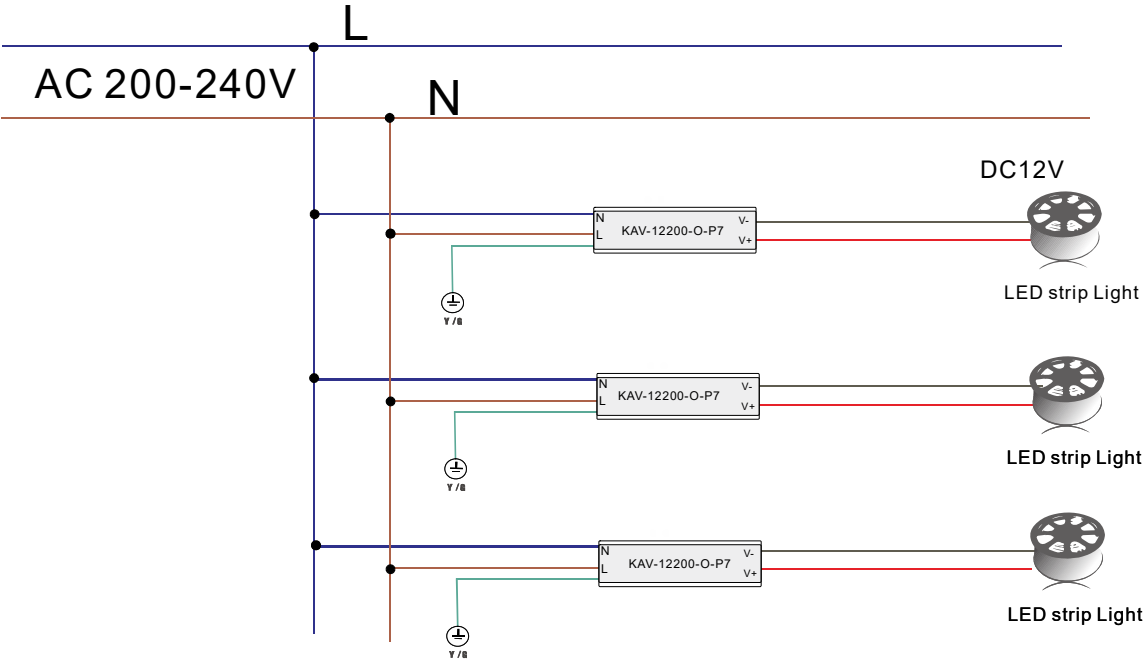
AC220-240V



LED driver performance chart



LED Driver connection diagrams



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