

100w IP66

Triac + 0-1/10V Dimmable LED Driver

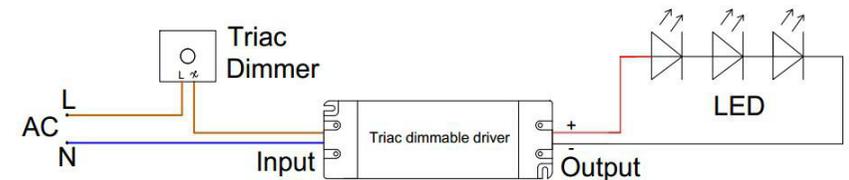
Material	Aluminium
Colour	Grey
IP Rating	IP66
Input Voltage	240v AC
Output Voltage	Available in either 12v DC or 24v DC
Max Wattage	100w (Recommended Max Wattage = 80w)
Protection Class	1 (Earth Required)
Wiring	Parallel
Dimming Range	10%-100%
Protections	Short Circuit, Overload, Over Temperature
Dimmable	Yes (Triac + 0.1/10V)
Warranty	3 Years Replacement



Product Ordering

Part Number	Output Voltage	Barcode
HV9661-12V100W	12v DC Constant Voltage	9350418012326
HV9661-24V100W	24v DC Constant Voltage	9350418012319

Sample Installation Diagram



Website



Warranty
Terms & Conditions

Compatible with

Single Colour LED Strip



HV9625



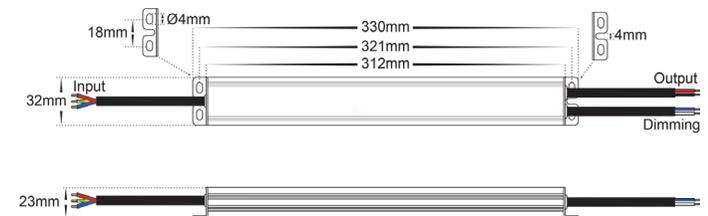
240V Dimmer

HV9628



0-1/10V Dimmer

Dimensions



		HV9661-12V100W	HV9661-24V100W
Output	DC Voltage	12v DC	24v DC
	Voltage Tolerance	± 0.5V	± 0.5V
	Rated Current	8.33A	4.17A
	Rated Power	100W	
	Line Regulation	± 1V	
	No. Output Cables	± 2V	
	Set up time	2000ms, 50ms(at full load) 110V AC / 230V AC	
	Holding time (Typ.)	15ms(at full load) 110V AC / 230V AC	
	Ripple and Noise(max)	120mVp-p	240mVp-p
	Load Regulation	± 2%	
Input	Voltage range Note 2	200~240V AC	
	Frequency Range	47 - 63Hz	
	Power Factor (TYP) @ Full Load	PF ≥ 0.45 / 230V (at full load)	
	Efficiency(Typ.)@ Full Load	82%	83%
	AC Current (Max)	0.5A / 230V AC	
	Inrush Current (TYP)	49.5A, 50%, 490us	
	Leakage Current	<0.5mA / 240V AC	
Protections	Short Circuit	Hiccup mode, Recover automatically after fault condition is removed	
	Overload	≤ 120% shut down o/p voltage, re-power on to recover after fault condition is removed	
	Over Temperature	100°C ± 10°C shut down o/p voltage, re-power on to recover	
Environment	Working Temp.	Ta: -40°C ~ +60°C	
	Working Humidity	20%~90% RH, non-condensing	
	Storage TEMP. Humidity	-40°C ~+80°C, 10%~95% RH	
	TEMP. Coefficient	± 0.03%/°c (0-50°c)	
	Vibration	10~500Hz, 2G 12min./ 1 Cycle, Period for 72min, each along X,Y,Z axes	
Safety & EMC	Safety Standards	Compliance to EN61347-1, EN61347-2-13, AS/NZS61347-1, IP66 waterproof rating.	
	Isolation Resistance	I/P-O/P, I/P-FG, O/P-FG: 100Mohms/500Vdc 25°C /70%RH	
	EMC Emission	Compliance to AS/NZS CISPR15	
	EMC Immunity	Compliance to AS/NZS CISPR15	

