

# 100w IP66

## Triac Dimmable Weatherproof LED Driver

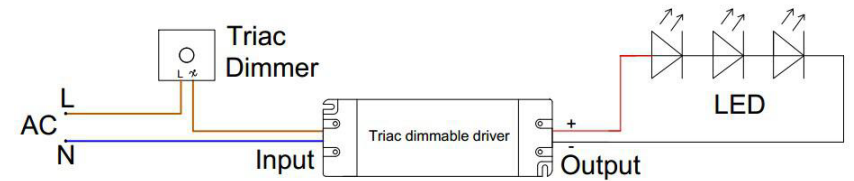
Material	Aluminium
Colour	Grey
IP Rating	IP66
Input Voltage	240v AC
Output Voltage	Available in either 12v DC or 24v DC
Max Wattage	100w (Recommended Max Wattage = 80w)
Protection Class	1 (Earth Required)
Wiring	Parallel
Dimming Range	10% - 100%
Dimmable	Yes (Triac)
Protections	Short Circuit, Overload,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



### Product Ordering

Part Number	Output Voltage	Barcode
<b>HV9660-12V100W</b>	12v DC Constant Voltage	9350418009654
<b>HV9660-24V100W</b>	24v DC Constant Voltage	9350418009661

### Sample Installation Diagram



Website



Warranty  
Terms & Conditions

### Compatible with

Single Colour LED Strip

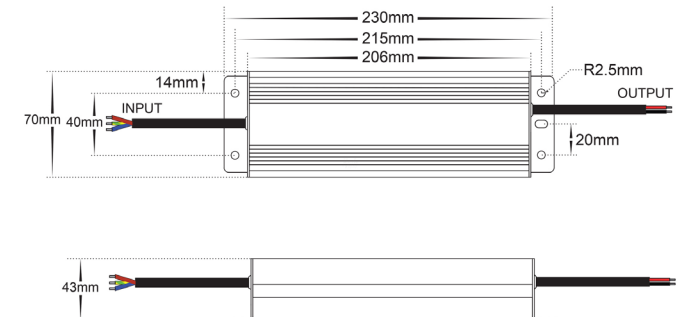


HV9625



240V Dimmer

### Dimensions



		<b>HV9660-12V100W</b>	<b>HV9660-24V100W</b>
<b>Output</b>	DC Voltage	12v DC	24v DC
	Voltage Tolerance	± 0.5V	± 0.5V
	Rated Current	8.33A	4.16A
	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%	
<b>Input</b>	Voltage range Note 2	180~240V AC	
	Frequency Range	47 - 63Hz	
	Power Factor (TYP) @ Full Load	0.95	
	Efficiency(Typ.)@ Full Load	88%	90%
	AC Current (Max)	0.8A / 230V AC	
	Inrush Current (TYP)	Cold start: 50A / 230V AC	
	Leakage Current	<0.5mA / 240V AC	
<b>Protections</b>	Short Circuit	Hiccup mode, Recover automatically after fault condition is removed	
	Overload	<120%	
	Over Temperature	Ta: 60°C ~ 70°C	
<b>Environment</b>	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	
<b>Safety &amp; EMC</b>	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	

