

# 60w IP66

## Weatherproof LED Driver

Material	Aluminium
Colour	Silver
IP Rating	IP66
Input Voltage	240v AC
Output Voltage	Available in either 12v DC or 24v DC
Max Wattage	60w (Recommended Max Wattage = 48w)
Protection Class	1 (Earth Required)
Wiring	Parallel
No. Output Cables	1
Protections	Short Circuit, Overload, Over Temperature
Warranty	3 Years Replacement



### Compatible with

All Low Voltage Light Fittings & LED Strip



## Product Ordering

Part Number	Output Voltage	Barcode
<b>HV9653</b>	12v DC Constant Voltage	9350418002044
<b>HV9653-24V</b>	24v DC Constant Voltage	9350418002051

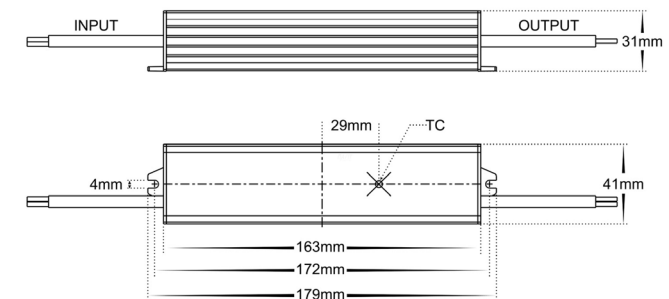


Website



Warranty  
Terms & Conditions

### Dimensions



		<b>HV9653</b>	<b>HV9653-24V</b>
<b>Output</b>	DC Voltage	12v DC	24v DC
	Voltage Tolerance	± 4V	± 2V
	Rated Current	5A	2.5A
	Rated Power	60W	
	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	90~264V AC	
	Frequency Range	47 - 63Hz	
	Power Factor (TYP) @ Full Load	PF ≥ 0.45 / 230V (at full load)	
	Efficiency(Typ.)@ Full Load	87%	88%
	AC Current (Max)	0.7A / 230V AC	
	Inrush Current (TYP)	Cold start: 50A / 230V AC	
	Leakage Current	<0.75mA / 240V AC	
<b>Protections</b>	Short Circuit	Hiccup mode, Recover automatically after fault condition is removed	
	Overload	104% - 125% of the rated output power	
	Over Temperature	Ta: 60°C ~ 70°C	
<b>Environment</b>	Working Temp.	Ta: -25°C ~ +50°C	
	Working Humidity	10%~90% RH, non-condensing	
	Storage TEMP. Humidity	-25°C ~+75°C, 5%~95% RH	
	TEMP. Coefficient	± 0.05%/°c (0-40°c)	
	Vibration	10~300Hz, 1G 10min./ 1 Cycle, Period for 60min, 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	

