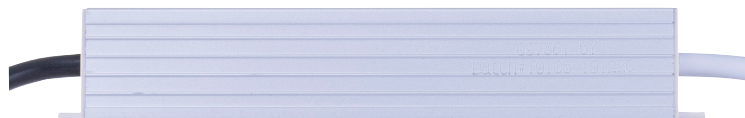


60w IP66

Weatherproof LED Driver

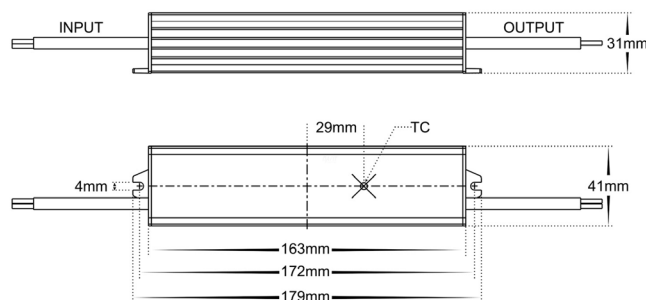
Material	Aluminium
Colour	Silver
IP Rating	IP66
Input Voltage	240v AC
Output Voltage	Available in either 12v DC or 24v DC
Max Wattage	60w (Recommended Max Wattage = 48w)
Protection Class	1 (Earth Required)
Wiring	Parallel
No. Output Cables	1
Protections	Short Circuit, Overload, Over Temperature
Warranty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



Product Ordering

Part Number	Output Voltage	Barcode
HV9653	12v DC Constant Voltage	9350418002044
HV9653-24V	24v DC Constant Voltage	9350418002051

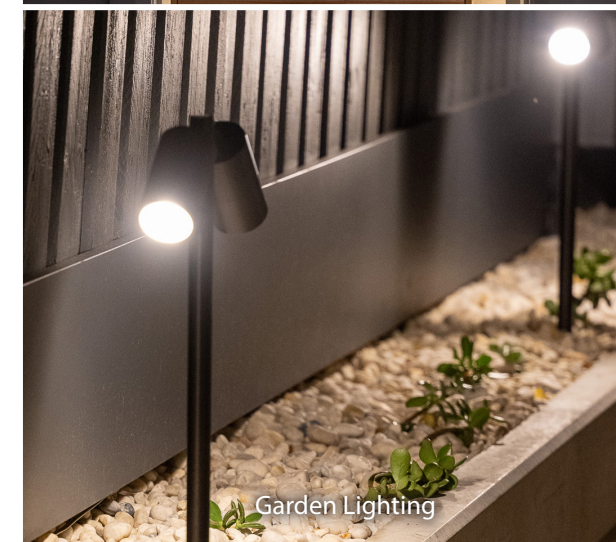
Dimensions



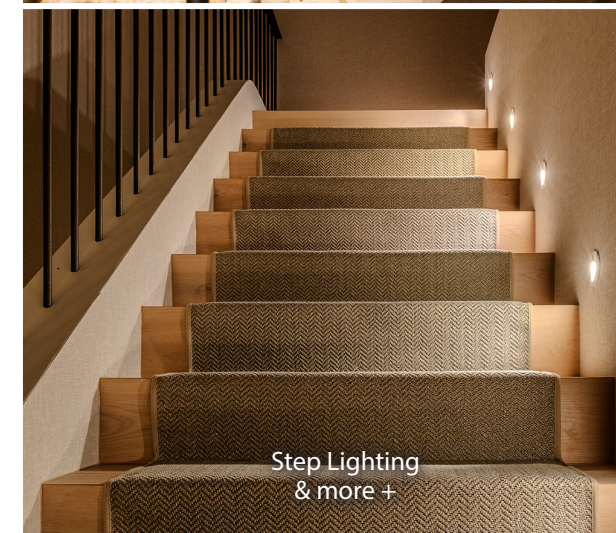
Compatible with
All Low Voltage Light Fittings



LED Strip Lighting



Garden Lighting



Step Lighting
& more +



Website



Warranty
Terms & Conditions

		HV9653	HV9653-24V
Output	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%	
Input	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	
Protections	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	
Environment	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	
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	

