

# 10w IP66

## Weatherproof LED Driver

Material	Aluminium
Colour	Silver
IP Rating	IP66
Input Voltage	240v AC
Output Voltage	12v DC
Max Wattage	10w (Recommended Max Wattage = 8w)
Protection Class	1 (Earth Required)
Wiring	Parallel
No. Output Cables	1
Protections	Short Circuit, Overload, Over Temperature
Warranty	3Years Replacement

### Product Ordering

Part Number	Output Voltage	Barcode
HV9650S	12v DC Constant Voltage	9350418002501



Website



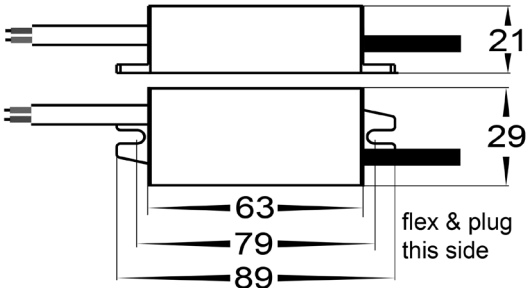
Warranty  
Terms & Conditions



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Dimensions

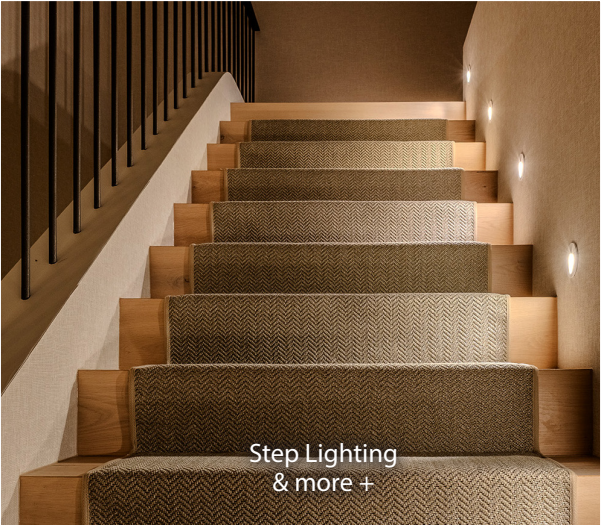


Compatible with  
All Low Voltage Light Fittings

LED Strip Lighting



Garden Lighting



Step Lighting  
& more +

		<b>HV9650S</b>
<b>Output</b>	DC Voltage	12v DC
	Voltage Tolerance	± 4V
	Rated Current	1.66A
	Rated Power	10W
	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
	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	84%
	AC Current (Max)	0.20A / 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% - 140% 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

