

100w IP66 Triac + 0-1/10v Dimmable LED Driver



PRODUCT SPECIFICATIONS

Material: Aluminium
Colour: Blue
Input Voltage: 240v AC
Output Voltage: 12v DC or 24v DC
Output Power: 100w*
Dimming Range: 10% - 100%
Wiring: Parallel
IP Rating: IP66
Dimmable: Yes (Triac + 0-1/10v)
Warranty: 2 Years Replacement**



Supplied with Flex & Plug

COMPATIBLE WITH

HV9625



240V Dimmer

HV9628



0-1/10V Dimmer

Single Colour LED Strip



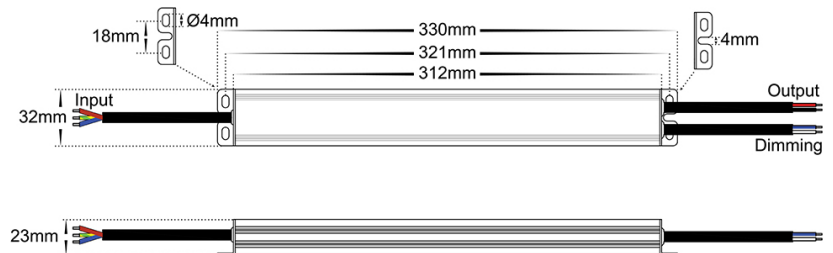
IP RATING




APPROVAL



DIMENSIONS



Product Ordering

IMAGE	OUTPUT VOLTAGE	PART NUMBER
	12v DC	HV9661-12V100W
	24v DC	HV9661-24V100W

SAMPLE INSTALLATION DIAGRAM



* Recommended maximum Load of 80w

** See Warranty Terms and Conditions for more information

For more information contact Havit Lighting

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Output	DC Voltage	12V	24V
	Voltage Tolerance	±0.5V	
	Voltage Regulation	± 0.5%	
	Rated current	8.33A	4.17A
	Rated power	100W	100W
Input	Voltage Range	200-240V AC	
	Frequency range	47 - 63HZ	
	Power Factor (Typ.)	PF≥0.97 (Full loading)	
	Full Load Efficiency(Typ.)	82%	83%
	AC Current(Max.)	0.8A	
	Inrush Current (Typ.)	49.5A,50%,490us	
	Leakage Current	<0.50mA	
Protection	Short Circuit	Shut down o/p voltage, re-power on to recover after fault condition is removed	
	Over Load	≤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	
	Protection Class:	II	
Environment	Working temperature	40 - +60°C	
	Working humidity	20 - 90%RH,non-condensing	
	Storage temp. and humidity	-40- + 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 and EMC	Safety standards	EN61347-1 EN61347-2-13 IP20	
	Withstand voltage	I/P-O/P:3.75KVAC I/P-FG:1.88KVAC O/P-FG:0.5KVAC	
	Insulation resistance	I/P-O/P I/P-FG O/P-FG:100MΩ/500VDC/25°C/70%RH	
	EMC Emission	EN55015,EN61000-3-2,3 (>60%loading)	
	EMC Immunity	EN61000-4-2,3,4,5,6,11,EN61547, A light industry level (Surge 4KV)	