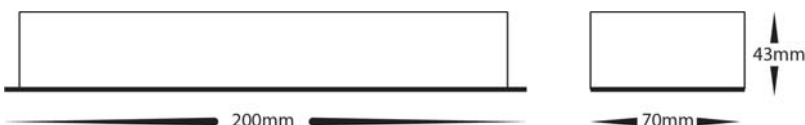


60w Triac Dimmable Constant Voltage LED Driver



Features

- Output: DC Constant Voltage
- Range AC input/ :180-240VAC
- Built-in active PFC function
- High efficiency :up to 86%
- Protections:short circuit/over load/over current/over temperature
- Full protection aluminum housing easy installation IP66 design for outdoor installation
- Cooling by free air convection
- Work with leading edge and trailing edge TRIAC dimmers
- Strong compatibility, flicker-free dimming



■ Specification



Model		HV9660-12V60W	HV9660-24V60W	
Output	DC Voltage	12V	24V	
	Voltage Tolerance	±0.5V		
	Rated current	5A	2.5A	
	Rated power	60W		
Input	Voltage Range	180-240V AC		
	Frequency Range	47-63Hz		
	Power Factor(Typ.)	0.98		
	Full Load Efficiency(Typ.)	82%	83%	
	AC Current(Max.)	0.34	0.33	
	Leakage Current	<0.5mA		
Protection	Short Circuit	Protection type :Hiccup mode, recovers automatically after fault condition is removed		
	Over Load	≅ 120%		
	Over Circuit	≅ 1.2 * I out		
	Protection Class:	I		
	Over temperature	100°C±10°C shut down o/p voltage ,re-power on to recover		
Environment	Working TEMP.	-40 - +60°C		
	Working Humidity	20-95% RH,non-condensing		
	Storage TEM.,Humidity	-40 - +80 °C,10-90% RH		
	TEMP.coefficient	±0.03% / °C (0-50°C)		
	Vibration	10 - 500Hz, 5G 12min./1 cycle, period for 72min.each along X,Y,Z axes.		
Safety&EMC	Safety standards	EN61347-1 EN61347-2-13 IP66		
	Withstand voltage	I/P-O/P:3.75KVAC I/P-FG:1.88KVAC O/P-FG:0.5KVAC		
	Isolation resistance	I/P-O/P I/P-FG O/P-FG: 100M Ω /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)		
Others	Net.Weight	0.95 Kg		
	Warranty	2 Years Replacement		