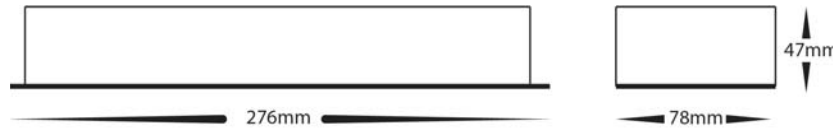


# 300w Triac Dimmable Constant Voltage LED Driver



## ■ Features

- Output constant voltage
- Range AC input: 200-240VA
- Built-in active PFC function
- Efficiency :up to 90%
- Protections:short circuit/over loading/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
- Complete with Flex and Plug.



## ■ Specification



Model		HV9660-12V300W	HV9660-24V300W
Output	DC Voltage	12V	24V
	Voltage Tolerance	±0.5V	
	Rated current	25A	12.5A
	Rated power	300W	
Input	Voltage Range	200-240V AC	
	Frequency Range	47-63HZ	
	Power Factor	PF ≥ 0.95 ( Full loading )	
	Full Load Efficiency(Typ.)	88%	90%
	AC Current (Max.)	2.0A	2.0A
	Leakage current	<0.50mA	
Protection	Short Circuit	No output, remove the fault and re-power on to recover	
	Over load	≤120%	
	Over Temperature	100°C±10°C shut down o/p voltage, re-power on to recover	
Environment	Working TEMP.	-40~+60°C (Refer to Derating Curve -- Page 4)	
	Working Humidity	20~95%RH,non-condensing	
	Storage TEM.,Humidity	-40~+80°C,10~95%RH	
	TEMP.coefficient	±0.03%/°C(0~40°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	
	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: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	
Others	Weight	1.67kg	
	Size	276*78*47mm(L*W*H)	
	Warranty	2 Years Replacement	

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