



- Output constant Voltage
- Range: 200-240VAC
- Built-in active PFC function
- Efficiency up to 85%
- Protections: short circuit/over load/ over temperature
- Cooling by free air convection
- IP66 waterproof design for indoor and outdoor installation
- Dimming function:
 - Phase dimming: work with leading edge and trailing edge TRIAC dimmers
 - 1-10V dimming: 0-10V/1-10V/Potentiometer/10V PWM 4 in 1
- Dimming range: 0-100% and suitable for intelligent LED lighting

Model No.		HV9961-12V60W	HV9661-24V60W
OUTPUT	DC Voltage	12V	24V
	Voltage Tolerance	±0.5V	
	Voltage Regulation	±0.5%	
	Rated current	5A	2.5A
	Rated power	60W	
	Load Regulation	±1.5 %	
INPUT	Voltage Range	200-240VAC	
	Frequency Range	47 - 63Hz	
	Power Factor(Typ.)@ full load	PF≥0.97/230VAC	
	THD(Typ.) @ full load	<20%	
	Efficiency(Typ.)@ full load	84%	85%
	AC Current(Max.)	0.5A	0.5A
	Inrush Current (Typ.)	50A,50%,176us	
	Leakage current	<0.5mA	
PROTECTION	Short Circuit	shut down o/p voltage, re-power on to recover after fault condition is removed	
	Over Load	≤120% Hiccup mode,recovers automatically after fault condition is removed	
	Over temperature	100°C±10°C	
	Protection Class	II	
ENVIRONMENT	Working TEMP.	-40~+60°C	
	Working Humidity	20 - 95%RH,non-condensing	
	Storage TEM.,Humidity	-40 - +80°C,10 - 95%RH	
	TEMP.coefficient	±0.03%/°C(0 - 50°C)	
	Vibration	10~500Hz, 5G 10min./1 cycle,period for 60min. each along X,Y,Z axes	
SAFETY & EMC	Safety standards	EN61347-1 EN61347-2-13 EN62493 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: 100MΩ/500VDC/25°C/70%RH	
	EMC Emission	EN55015 EN61000-3-2 EN61000-3-3	
	EMC Immunity	EN61000-4-2,3,4,5,6,11 EN61547	
OTHERS	Net Weight	0.4Kg	
	Dimension	300*32*20mm(L*W*H)	
	Warranty	2 years replacement	