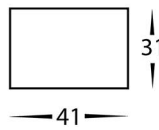
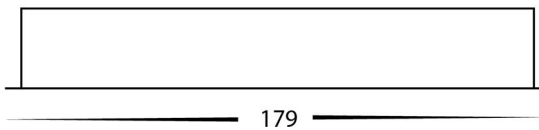




◆Feature

- .Constant voltage design
- .Universal input voltage
- .Small dimension, High efficiency, High reliability, Long lifetime
- .Ip66 design for outdoor installation
- .Working temperature: -25°C~+50°C
- .Protections: Overload, Over voltage, Short-circuit, etc.
- .Typical efficiency: 88%
- .SAA/IP66 certified, RoHS compliant
- .100% full load burn-in test.



CE IP66 SELV

SPECIFICATION

Model Number		HV9653	HV9653-24V		
Output	DC Voltage	12V	24V		
	Rated current	5A	2.5A		
	Current range	0-5A	0-2.5A		
	Rated power	60W	60W		
	Ripple and Noise(max.) Note4	120mVp-p	240mVp-p		
	Voltage tolerance Note3	±4%	±2%		
	Line regulation	±1%	±0.5%		
	Load regulation	±2%	±1%		
	Output groups	1	1		
	Set up time Note6	2000ms, 50ms(at full load) 230Vac			
Holding time(Typ.)	15ms(at full load) 230Vac				
Input	Voltage range Note 2	90~264Vac or 127~374Vdc			
	Frequency range	47~63Hz			
	Power factor(Typ.)	PF≥0.5/110V(at full load) PF≥0.45/230V(at full load)			
	Efficiency(Typ.)	87%	88%		
	AC current	1.2A/110Vac 0.7A/230Vac			
	Inrush current(Typ.)	Cold start: 50A/230Vac			
Protection	Leakage current	<0.75mA/240Vac			
	Over load	104%-125% of the rated output power Protection mode: constant current limiting, recovers automatically after the load reduced.			
	Short circuit	Protection type: Hiccup mode, recovers automatically after fault conditions removed			
	Over voltage	13-18V	24.5-35V		
	Over temperature	Ta:60°C~70°C Protection mode : Power off the output voltage, self-recovery when the temperature reduced			
Environment	Working temperature	-25°C~+50°C			
	Working humidity	10%~90%RH, non-condensing			
	Storage temp. and humidity	-25°C~+75°C, 5%~95%RH			
	Temp. coefficient	±0.05%/°C (0~40°C)			
	Vibration	10-300Hz, 1G 10min./cycle, period for 60min. each along X, Y, Z axes			
Safe and EMC	Safety standards	Compliance to EN61347-1, EN61347-2-13, AS/NZS61347-1, Ip66 waterproof rating.			
	Withstand voltage	I/P-O/P: 3.75KVAC I/P-FG: 1.875KVAC O/P-FG: 0.5kVAC			
	Insolation 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			
Others	MTBF	≥200Khrs, MIL-HDBK-217F(25°C)			
	Dimension	179X41X31mm(L*W*H)			
	Packing	0.4Kg/PCS, 50PCS/20Kg/box, (445X345X200mm)			