



◆ Feature

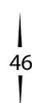
- .Constant voltage design
- .Wide input voltage
- .Small dimension, High efficiency, High reliability, Long lifetime
- .Ip66 design for outdoor installation
- .Working temperature: -25°C~+50°C
- .Protections: Overload, Over voltage, Short-circuit, etc.
- .Typical efficiency: 88%
- .SAA/IP66 certified,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



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CE IP66 SELV

SPECIFICATION

Model Number		HV9654	HV-9654-24V		
Output	DC Voltage	12V	24V		
	Rated current	8.33A	4.17A		
	Current range	0-8.33A	0-4.17A		
	Rated power	100W	100W		
	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) 110Vac/230Vac			
Holding time(Typ.)	15ms(at full load) 110Vac/ 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	1.82A/110Vac 1.05A/230Vac			
	Inrush current(Typ.)	Cold start: 55A/230Vac			
	Leakage current	<0.75mA/240Vac			
Protection	Over load	102%-120% 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 type: Shut down O/P voltage, recovers automatically after temperature goes down.			
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 Certified, AS/NZS61347-1, Ip66 waterproof rating.			
	Withstand voltage	I/P-O/P: 3.75KVAC I/P-FG: 1.875KVAC O/P-FG: 0.5KVAC			
	Insulation 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 1			
Others	MTBF	≥200Khrs, MIL-HDBK-217F(25°C)			
	Dimension	210X71.5X45.5mm(L*W*H)			
	Packing	1.05Kg/PCS, 10PCS/10.5Kg/box, (320X245X200mm)			