



FEATURES:

- Constant voltage output
- Small size with high reliability
- IP66 design for outdoor use
- Protections: Overload, Over voltage and Short circuit.
- High efficiency : 85%
- SAA Approved
- 100% full load burn in test.



CE IP66 SELV

SPECIFICATION

Model Number		HV9651			
Output	DC Voltage	12V			
	Rated current	1.66A			
	Current range	0-1.66A			
	Rated power	20W			
	Ripple and Noise(max.) Note4	120mVp-p			
	Voltage tolerance Note3	±4%			
	Line regulation	±1%			
	Load regulation	±2%			
	Output groups	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.)	84%			
	AC current	0.6A/110Vac 0.32A/230Vac			
	Inrush current(Typ.)	Cold start: 50A/230Vac			
Leakage current	<0.75mA/240Vac				
Protection	Over load	104%-140% 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 Protection type: Hiccup mode, recovers automatically after fault conditions removed			
	Over temperature	Ta:60°C~70°C Protection modePower 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)			
Safe and EMC	Vibration	10-300Hz, 1G 10min./cycle, period for 60min. each along X, Y, Z axes			
	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			
Others	EMC Immunity	Compliance to AS/NZS CISPR15			
	MTBF	≥200Khrs, MIL-HDBK-217F(25°C)			
	Dimension	162X30X28mm(L*W*H)			