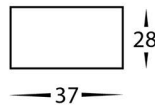
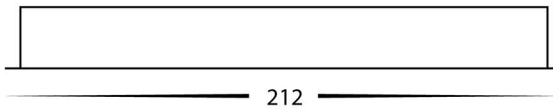




### ◆ Feature

- . Constant voltage design
- . High 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: 84.5%
- . CE/IP66 certified, RoHS compliant
- . 100% full load burn-in test.



CE IP66 SELV

## SPECIFICATION

Model Number		HV9658-12V30W	HV9658-24V30W		
Output	DC Voltage	12V	24V		
	Rated current	2.5A	1.25A		
	Current range	0-2.5A	0-1.25A		
	Rated power	30W	30W		
	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≥0.9/230V(at full load)			
	Efficiency(Typ.)	83.5%	84.5%		
	AC current	0.20A/230Vac			
	Inrush current(Typ.)	Cold start:50A/230Vac			
	Leakage current	<0.75mA/240Vac			
Protection	Over load	104%-130% 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	13.0-18V	24.5-35V		
	Over temperature	100°C ± 10°C(RTH2) 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, 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 EN55015, (CISPR22), EN61000-3-2, EN61000-3-3			
	EMC Immunity	Compliance to EN61547, EN61000-4-2,3,4,5,6,8,11			
Others	MTBF	≥200Khrs, MIL-HDBK-217F(25°C)			
	Dimension	212X36.5X27mm(L*W*H)			
	Packing	0.35Kg/PCS, 50PCS/17.5Kg/box, (325X260X270mm)			