



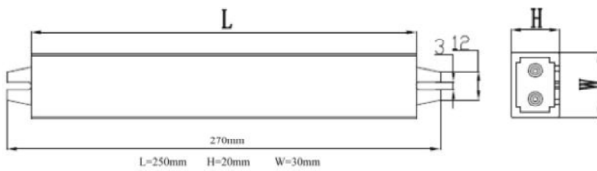
Operating Temperature : -25 ~ +45[°C]
 Dimension : 250 x 30 x 20[mm]

RoHS

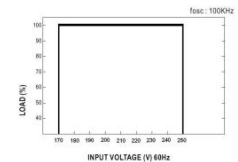
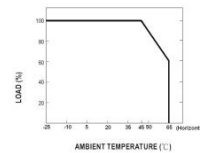
Approvals / Marks : **CE IP67**



Mechanical Specification:



Derating Curve



Features:

- IP protection standard : IP67. 💧💧
- 100% full load burn-in test.
- Over load, over voltage, over temperature & short circuit protection.

Specification:

		OUTPUT							
	Model	Voltage DC [V]	min. Load [A]	max. Load [A]	Output Tol. [V]	Efficiency [%]	Max. Power [W]	Ripple & Noise [mV] p-p	
	SHCV-4512	12	0	3.75	±5	75	45	120	
	SHCV-4524	24	0	1.88	±5	75	45	120	
INPUT	Voltage	(170 ~ 250)VAC							
	Frequency	(47 ~ 63)Hz							
	Current	0.37A/240VAC							
	Surge Current max.	20A/240VAC							
	Leakage current	0.5mA/240VAC							
PROTECTION	Over load	20% exceed is allowing							
	Over Voltage	Voltage limiting ≤255VAC							
	Over Temperature	≤85°C							
	Short Circuit	Yes, auto recovery							
	Protection class	Class 2							
	No Load Operation	0.5W							
OTHERS	Dielectric Strength	2200VAC/1min							
	Set up time	500ms, 30ms/220VAC at full load							
	Hold-up Time	50ms/220VAC at full load							
	MTBF Qualification	250K hours @ full load and 25°C							
	DC cable & connector	0.75mm ² VDC wire, 200mm							
	Efficiency (Normal)	75%							
	Efficiency level								
	Housing material	Aluminum							
ENVIRONMENT	Temperature	Operating: (-25 ~ +45)°C / Storage: (-40 ~ 80)°C							
	Humidity	IP67 = totally protected against dust & protected against the effect of immersion between 15cm and 1m							
CERTIFICATION & SAFETY		CE, RoHS, IP67							
CE		EN61347-1:2001 / EN61347-2-11:2001							
	EMI	EN55015, EN61547							
	Harmonic current	EN61000-3-2,-3							
		SHCV-6012				SHCV-6024			
WEIGHT	1pc	N.W.: 0.87kg G.W.: 0.90kg				N.W.: 0.80kg G.W.: 0.83kg			
PACKING	Box	0.34 x 0.24 x 0.19 [m]							
		50pcs / 1box							
		G.W.: 22.2 kg / box				G.W.: 21 kg / box			