

Mode: Constant Voltage  
 Operating Temperature : -25 ~ +45[°C]  
 Dimension : 160 x 30 x 20[mm]

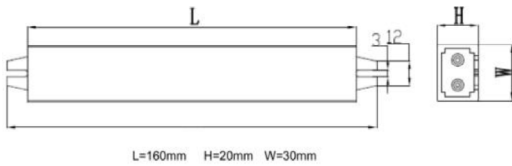


RoHS

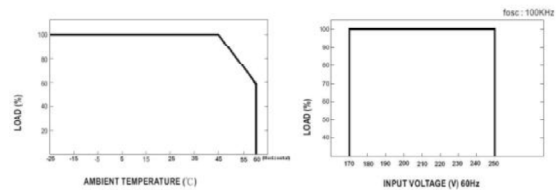
Approvals / Marks :



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]	Input current [A]	Ripple & Noise [mV] p-p
	SHCV-0512	12	0	0.42	±0.5	75	5	0.05	120
	SHCV-0524	24	0	0.21	±0.5	75	5	0.05	120
	SHCV-1012	12	0	0.83	±0.5	75	10	0.08	120
	SHCV-1024	24	0	0.41	±0.5	75	10	0.08	120
	SHCV-1512	12	0	1.25	±0.5	75	15	0.12	120
	SHCV-1524	24	0	0.63	±0.5	75	15	0.12	120
	SHCV-2012	12	0	1.67	±0.5	75	20	0.13	120
	SHCV-2024	24	0	0.83	±0.5	75	20	0.13	120
INPUT	Voltage	(90 ~ 250)VAC							
	Frequency	(47 ~ 63)Hz							
	Current	(0.05~0.13)A							
	Surge Current max.	10A/220VAC							
	Leakage current	0.25mA/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	2000VAC/1min							
	Set up time	500ms							
	Hold-up Time	50ms/220VAC at full load							
	MTBF Qualification	Min 250K hours @ full load and 25°C							
	DC cable & connector	0.75mm <sup>2</sup> VDC wire, 200mm							
	Efficiency (Normal)	75%							
	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							
<b>CERTIFICATION &amp; SAFETY</b>		CE, RoHS, IP67							
CE		EN61347-1:2001 / EN61347-2-11:2001							
	EMI	EN55015, EN61547							
	Harmonic current	EN61000-3-2,-3							
WEIGHT	1pc	N.W.: 210g / pc   G.W.: 220g / pc							
PACKING	Box	0.34 x 0.24 x 0.19 [m]							
		50pcs / 1box							
		G.W.: 12 kg / box							