

SHCC-30xxyy series

LED – IP67

max 32W

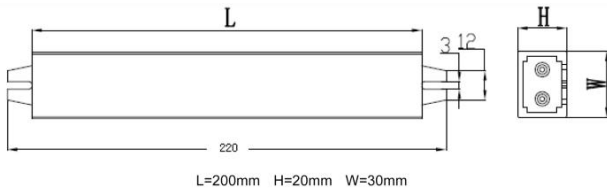
Mode: Constant Current
 Operating Temperature : -25 ~ +45[°C]
 Dimension : 200 x 20 x 30[mm]



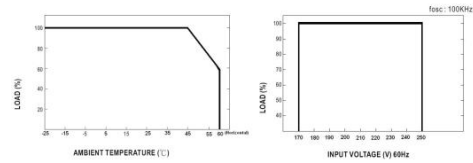
Approvals / Marks :



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	Current [mA]	Output Tol. [mA]	Output Voltage [V]	Efficiency [%]	Max. Power [W]	Ripple & Noise [mV] p-p
	SHCC-320532	900	±30	5~32		32	
	SHCC-300542	700	±30	5~42		30	
	SHCC-303085	350	±30	30~85		30	
INPUT	Voltage	(170 ~ 250)VAC					
	Frequency	(47 ~ 63)Hz					
	Current	0.22A/220VAC					
	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 1					
	No Load Operation	2.5W					
OTHERS	Dielectric Strength	2000VAC/1min					
	Set up time	500ms, 20ms/220VAC at full load					
	Hold-up Time	50ms/220VAC at full load					
	MTBF Qualification	150K hours @ full load and 25°C					
	DC cable & connector	0.75mm ² VDE wire, 18#2C (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(EMC,LVD), RoHS, IP67					
CE	Safety Standard	EN61347-1:2001 / EN61347-2-11:2001					
	EMI conduction & radiation	EN55015, EN61547					
	Harmonic current	EN61000-3-2,-3					
WEIGHT	1pc	N.W.: 260g / pc G.W.: 270g / pc					
PACKING	Box	0.34 x 0.24 x 0.19 [m]					
		50pcs / 1box					
		G.W.: 14 kg / box					