

SHCC-xx05yy-series

LED – IP67

max 18W

Mode: Constant Current

Operating Temperature : -25 ~ +45[°C]

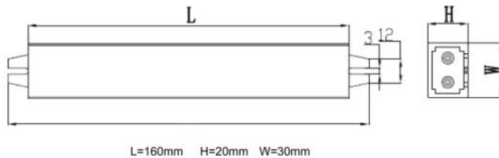
Dimension : 160 x 20 x 30[mm]

Approvals / Marks :

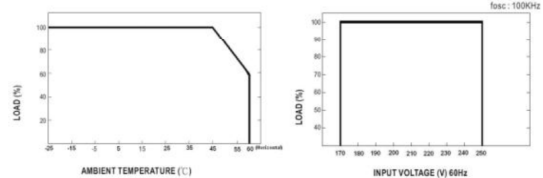
CE IP67



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	Current [mA]	Output Tol. [mA]	Output Voltage [V]	Efficiency [%]	Max. Power [W]	Ripple & Noise [mV] p-p
	SHCC-120532	350	±30	5~32	75	12	120
	SHCC-180550	350	±30	5~50	75	18	120
INPUT	Voltage	(170 ~ 250)VAC					
	Frequency	(47 ~ 63)Hz					
	Current	0.13/240VAC					
	Surge Current max.	20A/240VAC					
	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	2200VAC/1min					
	Set up time	500ms					
	Hold-up Time	50ms/240VAC at full load					
	MTBF Qualification	Min 250K hours @ full load and 25°C					
	DC cable & connector	0.75mm ² VDE wire, 18#2C (200mm)					
	Efficiency (Normal)	75%					
	Efficiency level	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.: 210g / pc G.W.: 220g / pc					
PACKING	Box	0.34 x 0.24 x 0.19 [m]					
		50pcs / 1box G.W.: 12 kg / box					