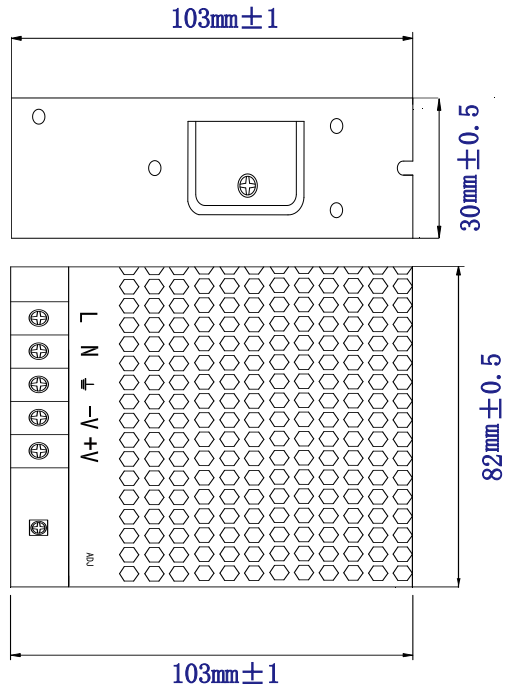**Features：**

- Full range AC input selectable by switch
- Withstand 300VAC surge input for 5 second
- No load power consumption<1W
- Miniature size and 1U low profile
- High operating temperature up to60℃
- Protection: Short circuit/overload/over voltage
- Cooling by free air convection
- LED indicator for power on
- High efficiency, long life and high reliability
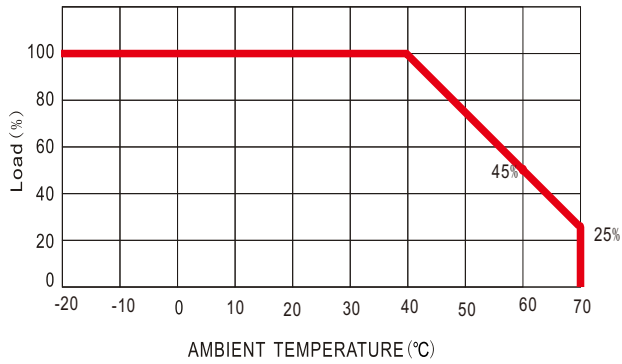- 100% full load burn-in test
- 2 year warranty

CE RoHS BIS SELV IP20

Specification

Model		HRM-35W-12V	HRM-35W-24V
Output	DC Voltage	12V	24V
	Voltage Tolerance	±0.5V	
	Rated Current	0－2.9A	0－1.45A
	Rated Power	35W	35W
	Ripple & Noise	120mVp-p	150mVp-p
Input	Voltage Range	100-240VAC	
	Frequency Range	50－60HZ	
	Power Factor	PF≥0.5/220VAC（Full loading）	
	Full Load Efficiency(Typ.)	85%（230AC）	85%（230AC）
	AC Current（Max.）	0.8A/100AC,　0.52A/230VAC	
	Leakage current	＜0.5mmA/260VAC	
	Inrush current	≤40A	
Protection	Short Circuit	Protection type: Hiccup mode, recovers automatically after fault condition is removed.	
	Over Load	Hiccup mode, recovers automatically after fault condition is removed	
	VIBRATION	10-500Hz　2G10min	
	BURNT-IN TEST	Input voltage：220V 50Hz rated output current 25℃ Bum-in 2h	
Environment	Over temperature	100℃±10℃ shut down o/p voltage, re-poweron to recover	
	Working TEMP.	−20～＋50℃	
	Working Humidity	20~60%RH,non-condensing	
	Storage TEM.,Humidity	−20～＋85%，10~95%RH	
	START RISE HOLD TIME	1500ms,　20ms,　50ms/230VAC at full load	
Safety & EMC	Vibration	10－500Hz, 5G 12min./1 cycle, period for 60min.each along X,Y,Z axes.	
	Safety standards	CE Mark	
	Withstand voltage	I/P-O/P:1.5KVAC　I/P-GND:1.5KVAC	
	EMC Immunity	EN55015:2013;EN61547:2009; EN61000-3-2:2014; EN61000-3-3:2013	
Others	Weight	0.18Kg	
	Dimension	103x82x30 mm（LxWxH）	
	Packing	50pcs/CTN	
Notes		1. All parameters NOT specially mentioned are measured at 230VAC input , rated load and 25℃of ambient temperature. 2. Tolerance：includes set up tolerance, line regulation and load regulation . 3. The power supply is considered as a component that will be operated in combination with final Equipment. Since EMC performance will be affected by the complete installation, the final equipment manufactures must be-qualifyEMC Directive on the complete installation again.		

Mechanical Specification

103mm±1

30mm±0.5

82mm±0.5

L N ⏚ -V +V

103mm±1

Derating Curve

AMBIENT TEMPERATURE (℃)

Package

DIMENSION	103x82x30 (mm) (L×W×H)
CARTON QUANTITY	50PCS/Carton
CARTON SIZE	490x235x220(mm)
WEIGHT	180g /PCS