



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 to 60°C
- 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

Specification

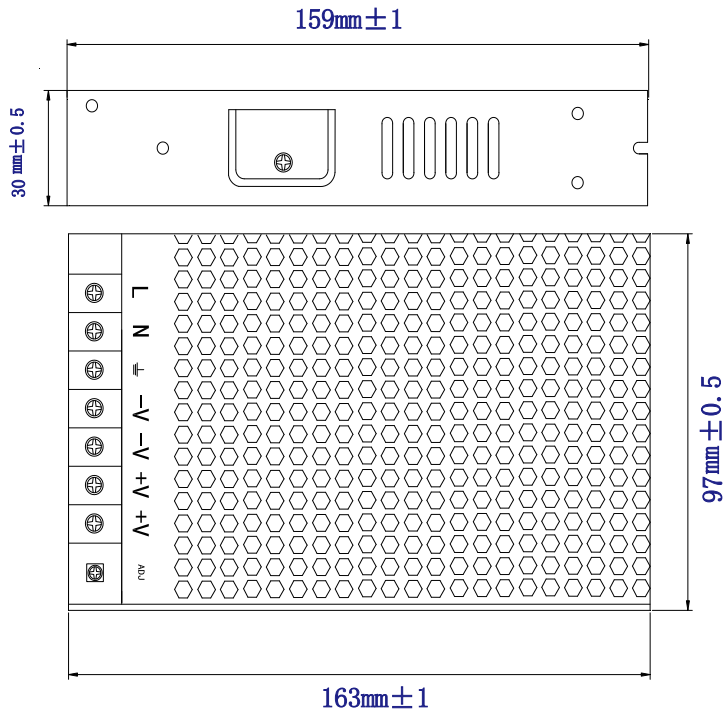
CE RoHS BIS SELV IP20

	Model	HRM-150-48
Output	DC Voltage	48V
	Voltage Tolerance	±0.5V
	Rated Current	0-3.12A
	Rated Power	150W
	Ripple & Noise	200mVp-p
Input	Voltage Range	100-130VAC / 200-240VAC
	Frequency Range	50-60HZ
	Power Factor	PF≥0.5/220VAC (Full loading)
	Full Load Efficiency(Typ.)	85% (230AC) 85% (230AC)
	AC Current (Max.)	1.2A/100AC, 0.7A/230VAC
	Leakage current	<0.8mA/260VAC
	Inrush current	≤ 60A
Protection	Short Circuit	Protection type: Hiccup mode, recovers automatically after fault condition is removed.
	Over Load	110 ~ 140% rated output power
		Hiccup mode, recovers automatically after fault condition is removed
	VIBRATION	10-500Hz 2G10min
BURNT-IN TEST	Input voltage: 220V 50Hz rated output current 25°C Bum-in 2h	
Environment	Over temperature	100°C±10°C shut down o/p voltage, re-poweron to recover
	Working TEMP.	-20 ~ + 50°C
	Working Humidity	20~60%RH,non-condensing
	Storage TEM.,Humidity	-30~+ 85%, 10~95%RH non-condensing
	START RISE HOLD TIME	1500ms, 20ms, 50ms/230VAC at full load
Safety & EMC	Vibration	10 -500Hz, 5G 10min./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	0.36Kg
	Dimension	159x97x30 mm (LxWxH)
	Packing	50pcs/CTN

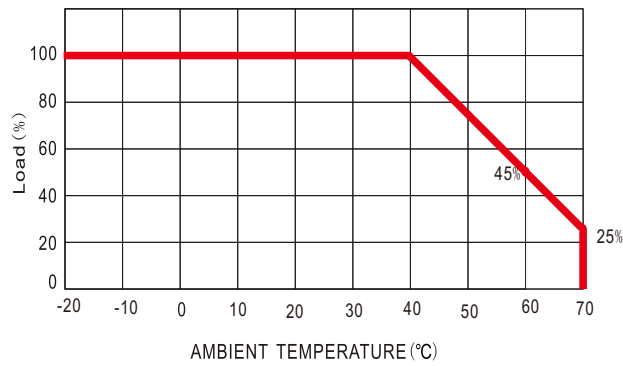
Notes

1. All parameters NOT specially mentioned are measured at 230VAC input , rated load and 25°C 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



Derating Curve



Package

DIMENSION	159x97x30 (mm) (L×W×H)
CARTON QUANTITY	50PCS/Carton
CARTON SIZE	530x285x265(mm)
WEIGHT	360g /PCS