



### Features :

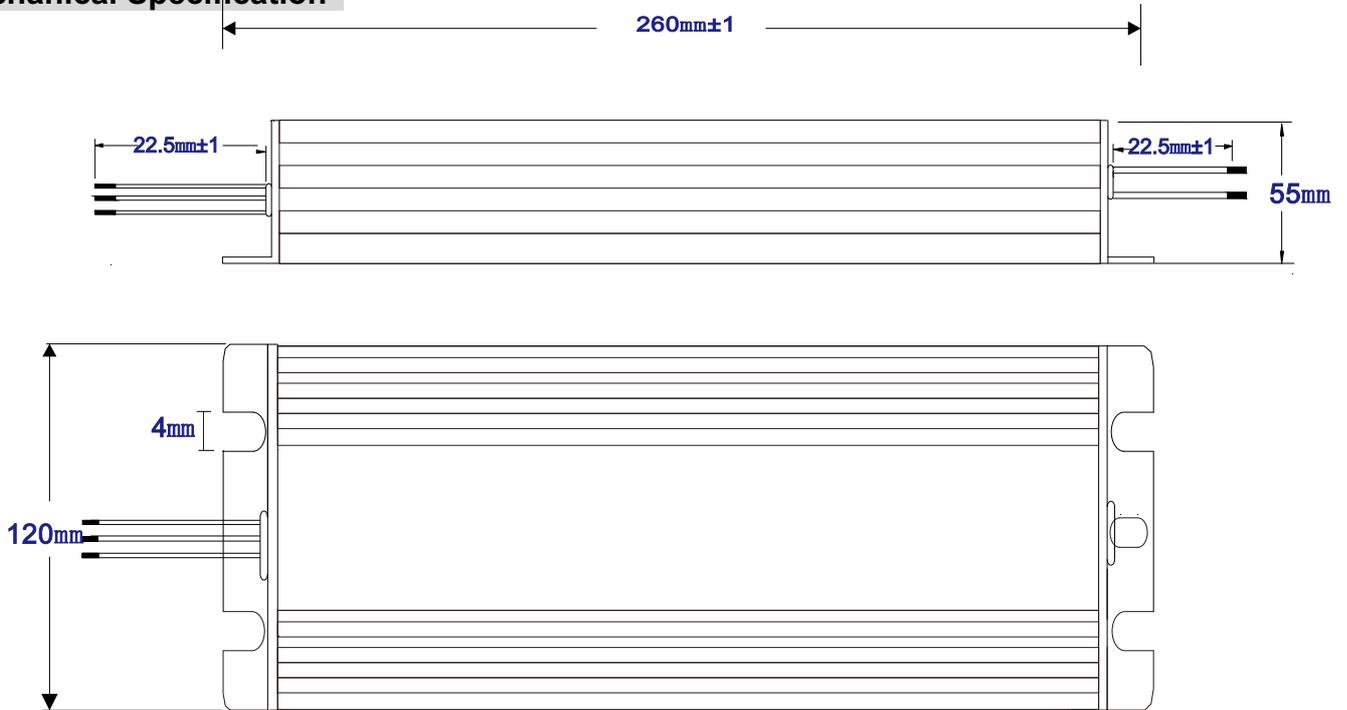
- 170~264VAC input
- Protection: Short circuit/overload/over voltage
- Miniature size and 1U low profile
- Working temperature with 60°C
- Cooling by free air convection
- 100% full load burn-in test
- IP67 waterproof
- 2 years warranty

### Specification

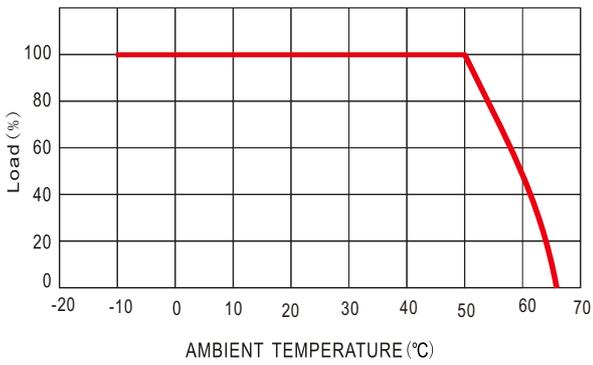
CE RoHS BIS SELV IP67

	Model	HRW-12V-500W	HRW-24V-500W
Output	DC Voltage	12V	24V
	Voltage Tolerance	±0.5V	
	Rated Current	0 - 41.67A	0 - 20.83A
	Rated Power	500W	500W
	Ripple & Noise	250mVp-p	250mVp-p
Input	Voltage Range	170-240VAC	
	Frequency Range	50 - 60HZ	
	Power Factor	PF≥0.6/220VAC ( Full loading )	
	Full Load Efficiency(Typ.)	90%	90%
	AC Current (Max.)	5A	4.9A
	Leakage Current	<0.75mA/260VAC	
	Inrush Current	≤ 65A	
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°C Bum-in 2h	
Environment	Over Temperature	100°C±10°C shut down o/p voltage, re-power on to recover	
	Working TEMP.	-20 ~ + 50°C	
	Working Humidity	20~60%RH,non-condensing	
	Storage TEM.,Humidity	-20~+ 85%, 10~95%RH	
	START RISE HOLD TIME	300ms, 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	2.5kg	
	Dimension	260x120x55mm(LxWxH)	
	Packing	10pcs/CTN	
Notes	<ol style="list-style-type: none"> <li>1. All parameters NOT specially mentioned are measured at 230VAC input , rated load and 25°C of ambient temperature.</li> <li>2. Tolerance: includes set up tolerance, line regulation and load regulation .</li> <li>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.</li> </ol>		

**Mechanical Specification**



**Derating Curve**



**Package**

DIMENSION	260x120x55mm(LxWxH)
CARTON QUANTITY	10PCS/Carton
CARTON SIZE	370x300x29.5 (mm)
WEIGHT	2500g/PCS