



### Features :

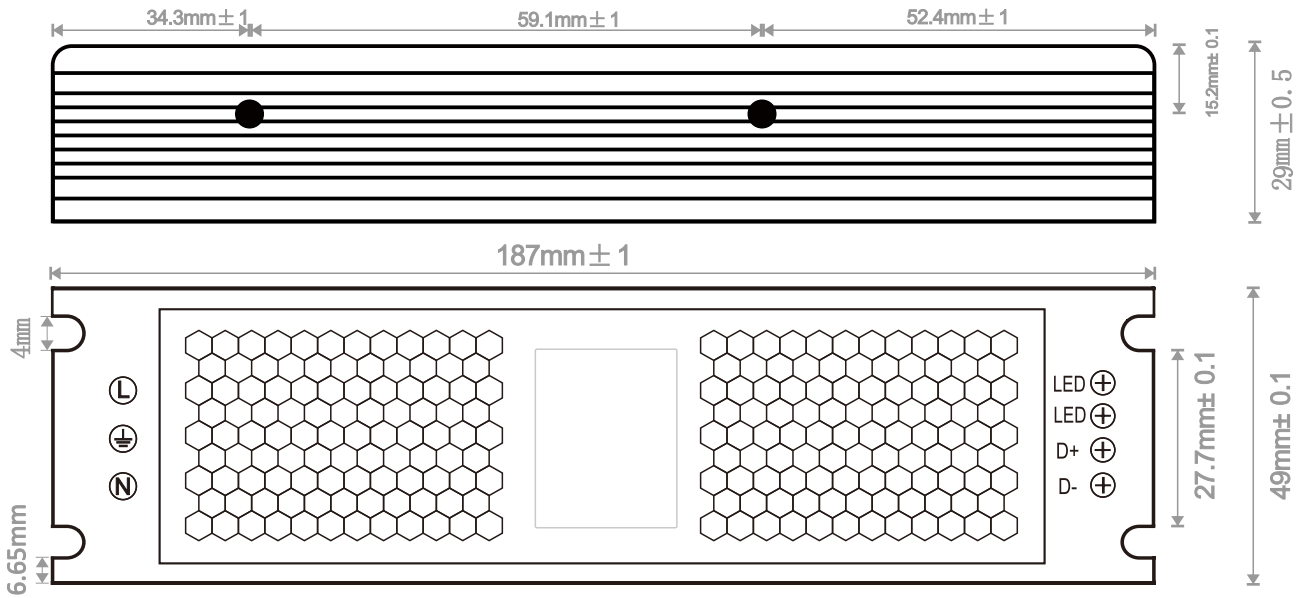
- 0/1-10V:100-264VAC, Triac: 170-264V
- Protection:Shortcircuit/overload/overvoltage
- Working temperature with 60°C
- Cooling by free air convection
- 100% full load burn-in test
- 3years warranty
- Support: Triac & 0/1-10V

### Specification

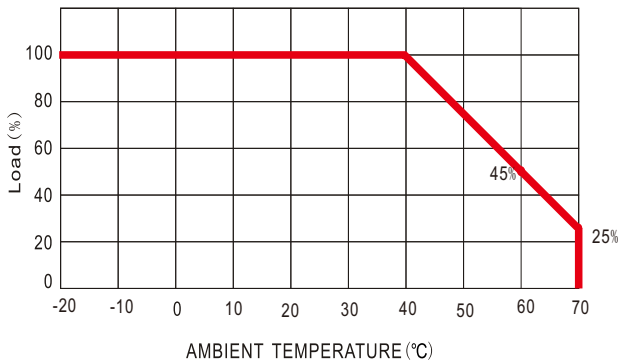
CE RoHS BIS SELV IP20

	Model	HRS-60-12	HRS-60-24
Output	DC Voltage	12V	24V
	Voltage Tolerance	±0.5V	
	Rated Current	0 – 5A	0 – 2.5A
	Rated Power	60W	60W
	Ripple & Noise	120mVp-p	150mVp-p
Input	Voltage Range	0/1-10V:100-264VAC, Triac: 170-264V	
	Frequency Range	50 – 60HZ	
	Power Factor	PF≥0.5/220VAC ( Full loading )	
	Full Load Efficiency(Typ.)	85%	85%
	AC Current (Max.)	0.61A	0.58A
	Leakage current	<0.5mA/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°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	-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	0.22Kg	
	Dimension	187x49x29mm (LxWxH)	
	Packing	60pcs/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**



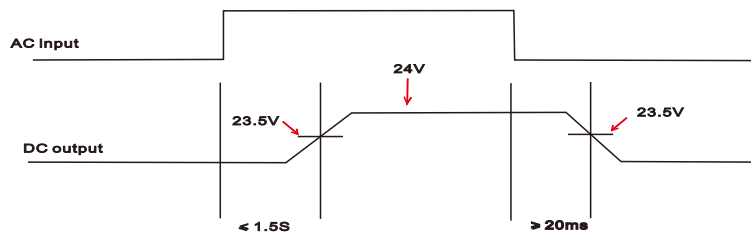
**Derating Curve**



**Package**

DIMENSION	187x49x29 (mm) (L×W×H)
CARTON QUANTITY	60pcs/Carton
CARTON SIZE	41.2x23.2x30CM
WEIGHT	220g/PCS

**Switching Time Curve**



**Dimming Wiring Diagram**

