



## ■ Features

- AC input / (198-264VAC)
- Compliance to worldwide safety regulations for lighting
- Adopt plastic shell
- Short circuit/overload/over-voltage /overtemperature protection.
- Built-in lighting protection device, can meet the differential mode 1KV
- High efficiency power supply: the highest efficiency is more than 89%

## ■ Description

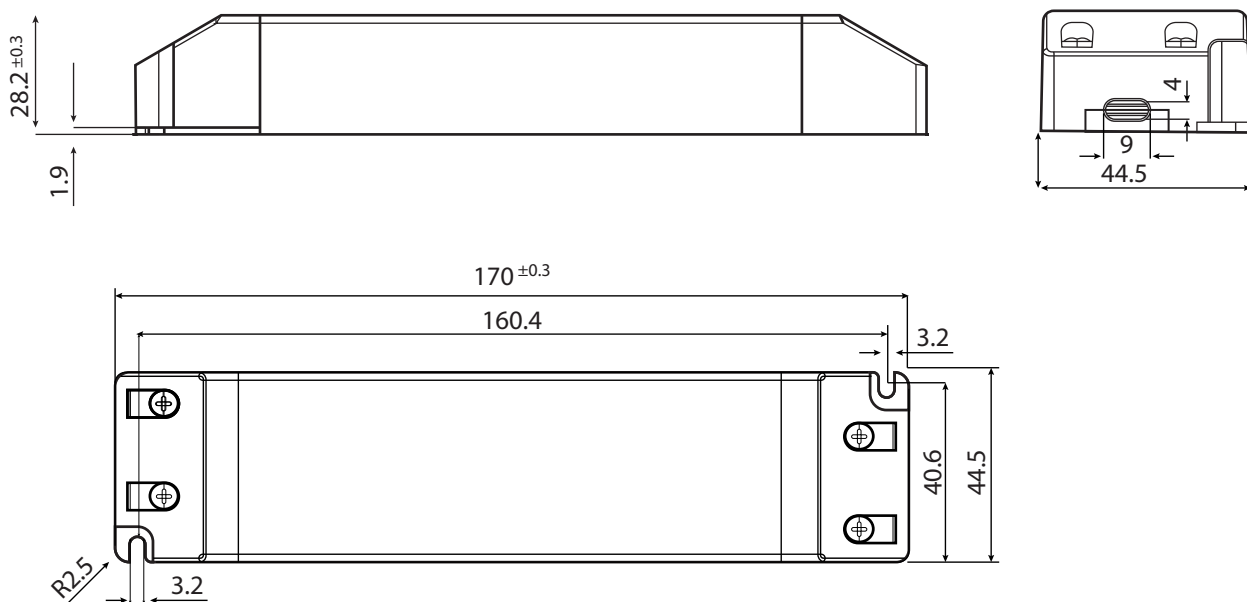
EV-SNR-60-12/24 series is an indoor constant voltage power supply. Its input voltage range is 198-264Vac, with the high efficiency up to 90%, fanless design, working in the temperature range of -20°C~+45°C under free air convection. It has ultrahigh power factor, ultra-low total harmonic distortion, low standby power consumption, with all-round protection functions, which not only greatly improves the reliability of the product, but also ensures the life cycle of product. The product is designed completely in accordance with world's lighting equipment safety regulations to ensure booth user and luminaire system safety during installation

## ■ Specification

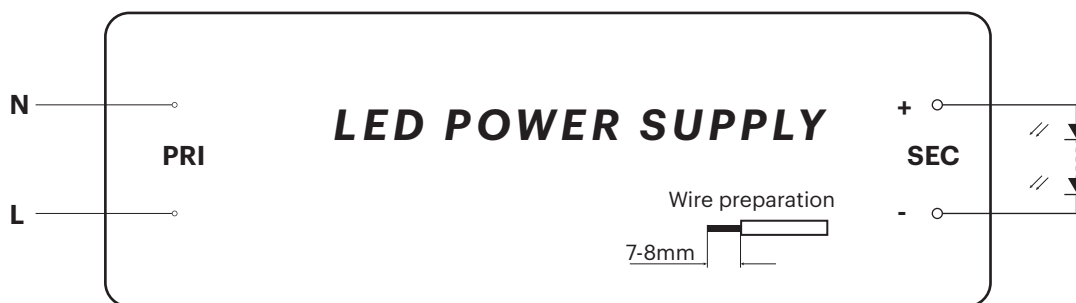


Model		EV-SNR-60-12	EV-SNR-60-24
Output	DC Voltage	12V	24V
	Voltage Tolerance	±5%	
	Rated current	0-6.25A	0-3.125A
	Rated power	60W	60W
Input	Voltage Range	AC 198V - 264V	
	Frequency Range	50-60HZ	
	Power Factor	0.9 - 0.95	
	Full Load Efficiency (Typ.)	87%	88%
	AC Current (Max.)	0.5A/230V	0.5A/230V
	Leakage current	0.7mA 240Vac/60HZ	
Protection	Short Circuit	Short circuit power ≤3W	
	Over load	1.1 - 1.5 times of rated load	
	Over Temperature	NA	
Environment	Working TEMP.	-20 - 45°C	
	Working Humidity	10%RH - 90%RH	
	Storage TEM.,Humidity	-40° - 85°C, Humidity Min: 5%RH - 85%RH	
	TEMP.coefficient	±0.03%/°C (0 ~ 60°C)	
	Vibration	NA	
Safety&EMC	Safety standards	EN/IEC-61347, EN/IEC-60598 Approved, AS/NZS-61347/60598 Approved	
	Withstand voltage	Input-Output: 3750V/5mA/1min	
	Isolation resistance	>5M Ohm/500VDC/25°C/70%RH	
	EMC EMISSION	Compliance to EN/IEC-55015, EN/IEC-61000, AS CISPR 15:2017	
	EMC immunity	Compliance to EN-61547:2009, EN-61000-4-2,3,4,5,6,11	
Others	Weight	0.2KG	
	Size	170*44.5*28.2mm (L*W*H)	
	Packing	25PCS	
Notes	Warranty 5 years		

## ■ Mechanical Specification

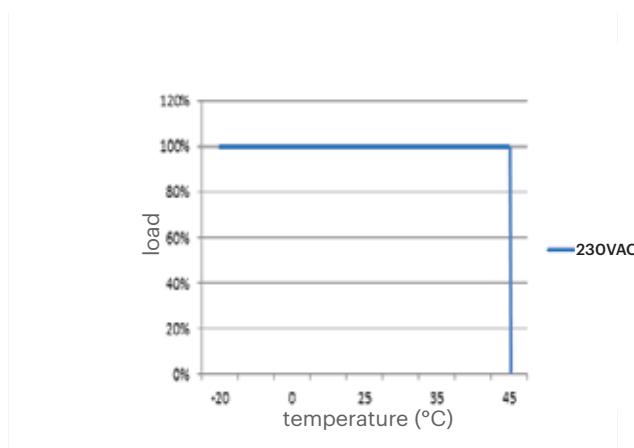


## ■ Mechanical Drawing



AC	Terminal, H03VVH2-F 2 x 0.75mm <sup>2</sup>
DC	Terminal, H03VVH2-F 2 x 0.75mm <sup>2</sup>

## ■ Derating Curve



※ To extend their life, please refer to the Derating Curve and derate according to the temperature.

### ■ Instruction

- This driver should be installed by qualified and professional person
- Please make sure the transformer is installed with adequate ventilation around it to allow for heat dissipation
- Ensure that wiring is correct before test, in order to avoid light and power supply damage
- If driver does not work normally, don't maintain privately, please contact with Wellforces