

■ Features

- AC input (198-264VAC)
- Built-in active PFC function
- Compliance to worldwide safety regulations for lighting
- Suitable for dry indoor environment
- Protections: Short circuit / Over voltage / Over temperature/Over load
- Adopt plastic case and internal glue filling
- Compliance to worldwide safety

■ Description

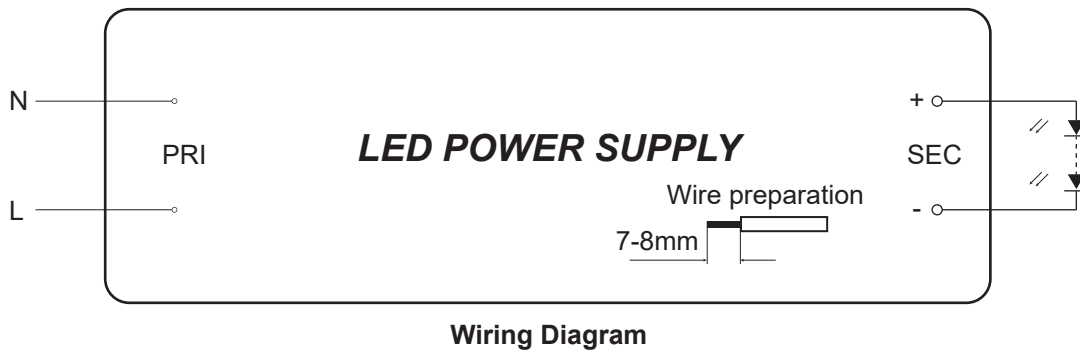
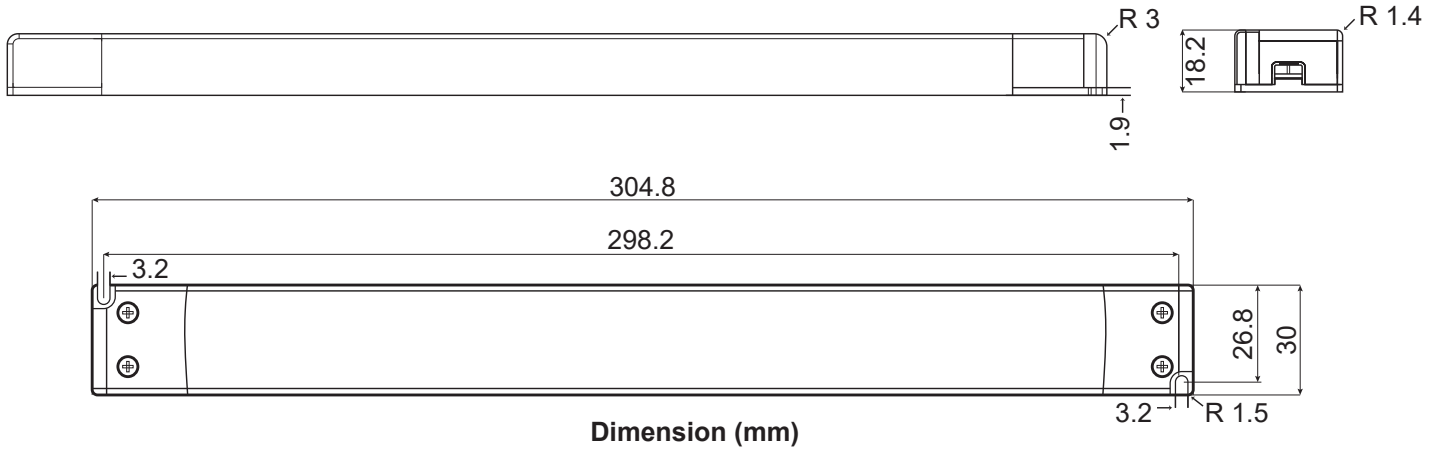
EV SNL100-12/24 is an indoor constant voltage power supply. Its input voltage range is 198-264Vac, with the high efficiency up to 88%, fanless design, working in the temperature range of -20°C to +45°C under free air convection. It has ultra-high power factor, ultra-low total harmonic distortion, low 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. This series of products designed for LED lighting, applied to indoor lighting design, has a high cost performance.

■ Specification



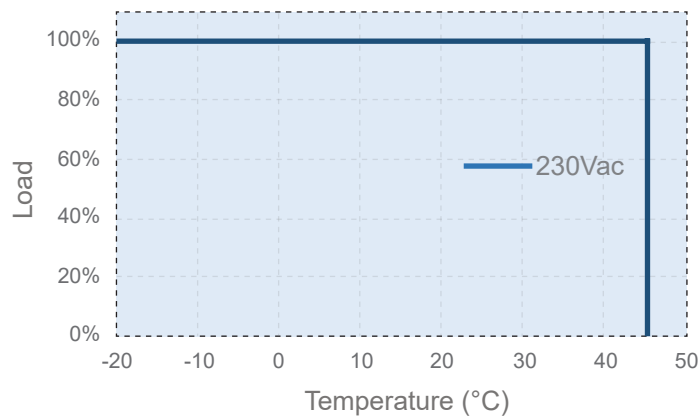
Model		EV-SNL-100-12	EV-SNL-100-24
Output	DC Voltage	12V	24V
	Voltage Tolerance	±5%	
	Rated current	0-8.33A	0-4.17A
	Rated power	100W	
Input	Voltage Range	AC 198V - 264V	
	Frequency Range	50-60HZ	
	Power Factor	0.97@230Vac, full load	
	Full Load Efficiency (Typ.)	93%	93%
	AC Current (Max.)	0.7A/230V	0.7A/230V
	Leakage current	0.75mA@240Vac 50HZ	
Protection	Short Circuit	Short circuit power≤0.5W	
	Over load	1.1~1.6 times rated load, Overloading restores automatically.	
	Over Temperature	110°C, hiccup mode, auto-recovery after temperature restore	
Environment	Working TEMP.	-20 - 45°C	
	Working Humidity	10%RH - 90%RH	
	Storage TEM.,Humidity	-40°C-85°C; 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	304.8*30*18.2mm (L*W*H)	
	Packing	50PCS	
Notes	Warranty 5 years		

■ **Mechanical Specification**



AC	Connector: H03VVH2F- 2x0.75mm ²
DC	Connector: H03VVH2F- 2x1.0mm ²

■ **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