

■ Features

- AC input (220-240VAC)
- Built-in active PFC function
- Compliance to worldwide safety regulations for lighting
- Protections: Short circuit / Over voltage / Over temperature/Over load
- Using plastic shell. internal potting.
- Compliance to worldwide safety

■ Description

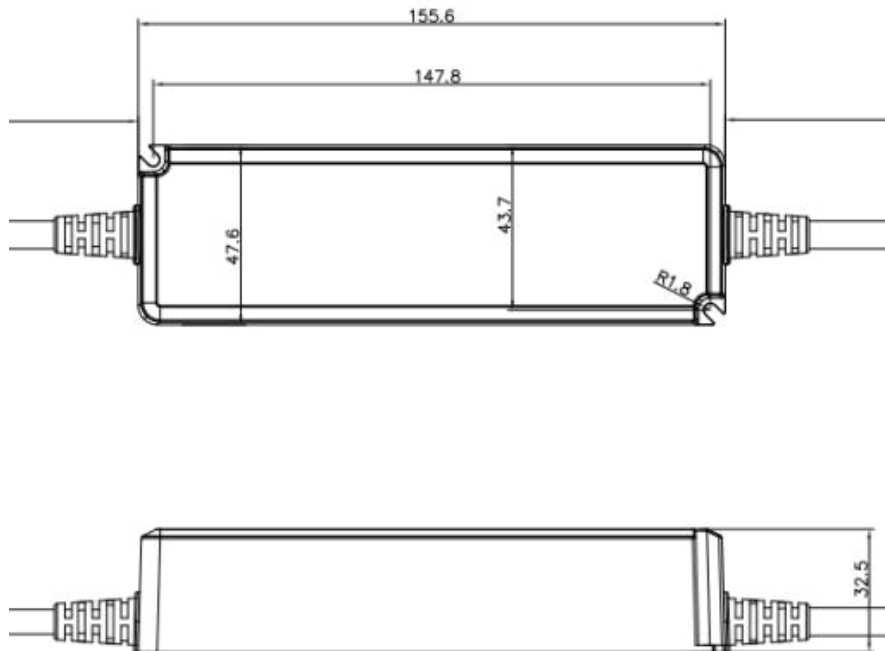
EV-SNP-100-12/24 is a constant voltage IP67 LED driver with an input voltage range of 220-240Vac and a conversion efficiency up to 90%. Excellent power factor, low standby power consumption, and comprehensive protection functions not only greatly improve the reliability of the product, but also ensure the product life cycle. This series of products is designed for LED lighting design and applied to outdoor lighting. It is suitable for various application environments in almost all outdoor places where LED luminaires can be installed. Comply with the world's lighting equipment safety regulations

■ Specification

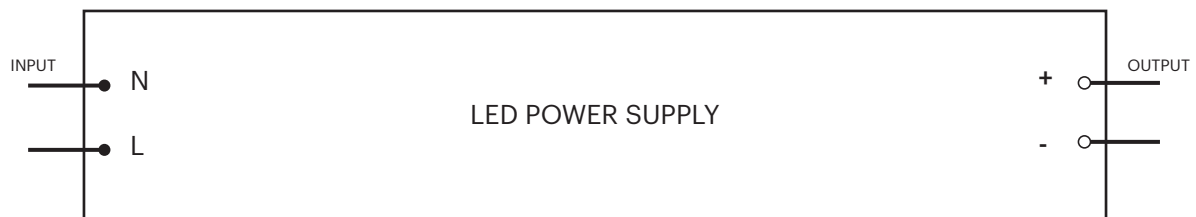


| Model | | EV-SNL-100-12 | EV-SNL-100-24 |
|-------------|-----------------------------|--|---------------|
| Output | DC Voltage | 12V | 24V |
| | Voltage Tolerance | ±5% | |
| | Rated current | 0-8.3A | 0-4.17A |
| | Rated power | 100W | 100W |
| Input | Voltage Range | AC 220V - 240V | |
| | Frequency Range | 50-60HZ | |
| | Power Factor | 0.95 | |
| | Full Load Efficiency (Typ.) | 87% | 88% |
| | AC Current (Max.) | 0.3A/230V | 0.3A/230V |
| | Leakage current | 0.7mA 240Vac/60HZ | |
| Protection | Short Circuit | hiccup mode, restart automatically after fault correction | |
| | Over load | exceed maximum rated load times 1.2-1.5 | |
| | Over Temperature | NA | |
| Environment | Working TEMP. | -20 - 45°C | |
| | Working Humidity | 5%RH - 85%RH | |
| | Storage TEM.,Humidity | -40°C-80°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 | 0.48KG | |
| | Size | 155.6*47.6*3mm (L*W*H) | |
| | Packing | 25PCS | |
| Notes | Warranty 5 years | | |

■ Mechanical Specification



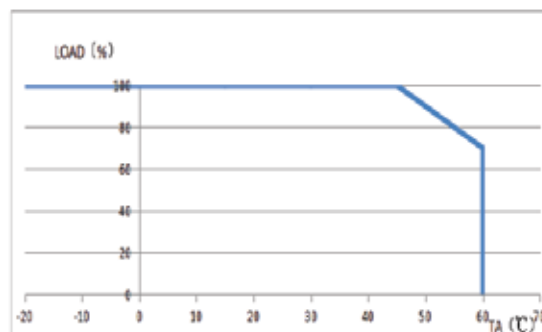
■ Mechanical Drawing



| | |
|----|---|
| AC | Connector: H05RN-F 2*1.0mm ² VDE |
| DC | Connector: SVT 18AWG*2C 105°C 300V |

■ Derating Curve

Output load-Temperature 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