

LED Waterproof Power Supply(C&V)

- Protections:short circuit/over load/over voltage/over temperature
- IP67 design for indoor or outdoor installation
- It can be used in dry ,wet and rainy environment
- Cooling by free air, high reliability
- 100% full load burn-in test
- Suitable for internal lights application for I / II / III.
- Widely used in LED lighting and IT equipment
- Compliance to worldwide safety regulation for led lightings.



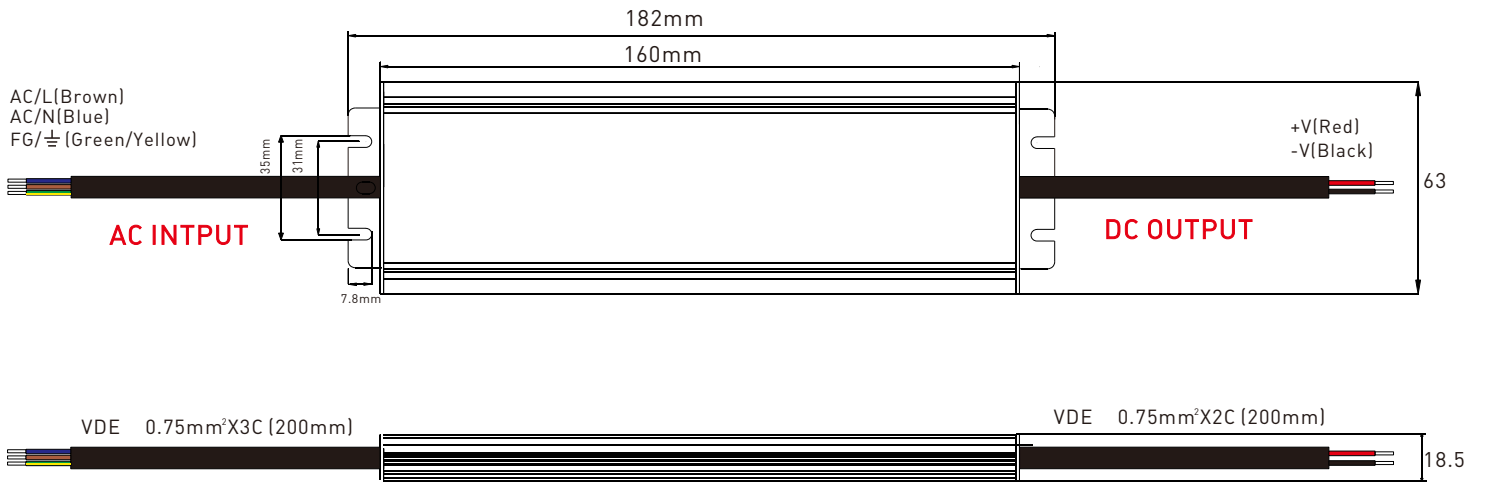
CE SELV IP67



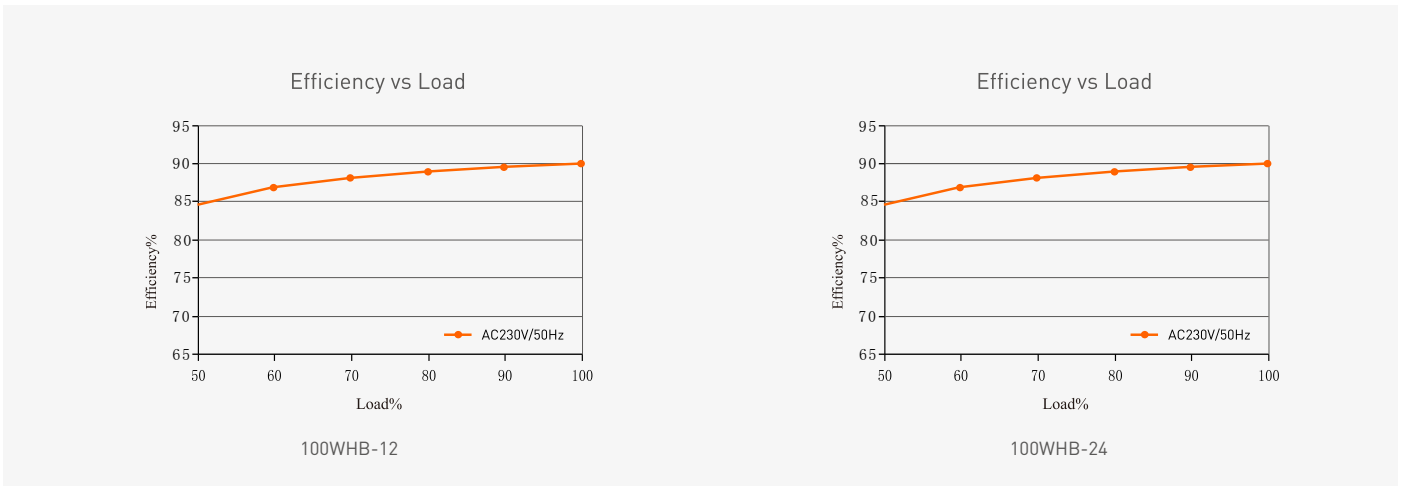
Specification

| Model | 100WHB-12 | 100WHB-24 | |
|---------------------------------|--|---|--------------|
| OUTPUT | Output voltage | 12VDC | 24VDC |
| | Output voltage range | 12VDC±0.5VDC | 24VDC±0.5VDC |
| | Output current | Max 8.5A | Max 4.2A |
| | Output power | Max 100W | |
| | Output power range | 0~100W | |
| | Ripple & Noise | ≤120mV | ≤240mV |
| | Linear Regulation | ±1% | |
| | Load Regulation | ±1% | |
| | Start-up Time (Typ) | 500ms/230VAC 800ms/115VAC | |
| | Hold Up Time(Typ) | 100ms/230VAC 100ms/115VAC | |
| INPUT | Input voltage | 100-264Vac | |
| | Frequency | 50/60Hz | |
| | Input current | 0.84A/230Vac or 1.47A/115VAC | |
| | Power factor | PF>0.6 | |
| | No-load power consumption | < 3W | |
| | Efficiency (typ.) | 90% | 90% |
| | Inrush current(typ.) | Cold start 55A at 230Vac | |
| | Control surge capability | L,N:2KV L,N-PE:4KV | |
| | Leakage current | Max. 0.5mA | |
| ENVIRONMENT | Working temperature | ta: -30°C~ 50°C tc: 80°C | |
| | Working humidity | 20 ~ 99%RH, condensing(Waterproof) | |
| | Storage temp., humidity | -40°C ~ 80°C, 10~95%RH | |
| PROTECTION | Overtemperature | Protection type: Turn off the output voltage, after the temperature drops, re-energize to restore. | |
| | Over load protection | Shut down the output when current load ≥110%~150%, auto recovers. | |
| | Short circuit protection | Protection type: It can be automatically restored after the fault is eliminated. | |
| SAFETY & EMC | Withstand voltage | I/P-O/P:3750Vac | |
| | Isolation resistance | I/P-O/P: 100MΩ/500VDC/25°C/70%RH | |
| | Safety standards | IEC/EN61347;IEC/EN60950;IP67 | |
| | EMC Test Standards | EN55015: 2013;EN61547: 2009; EN61000-3-2:2014; EN61000-3-3:2013 | |
| Reliability and Quality Control | Impact aging | 100% of the product is fully loaded and impacted for 4 hours under an environment of at least 40°C±5°C | |
| | Component derating | Under the steady-state conditions of rated input and output, the stress of components will not exceed its maximum nominal value | |
| NOTE | 1. All parameters not specifically mentioned are measured at 230VAC input, rated load and 25°C ambient temperature. 2. Ripple and noise test method: connect 0.1uF and 47uF capacitors in parallel at the terminal, and measure under 20MHZ bandwidth. 3. Ensure that the power supply is used under the rated parameters and environment. | | |

Dimensions
Unit:mm

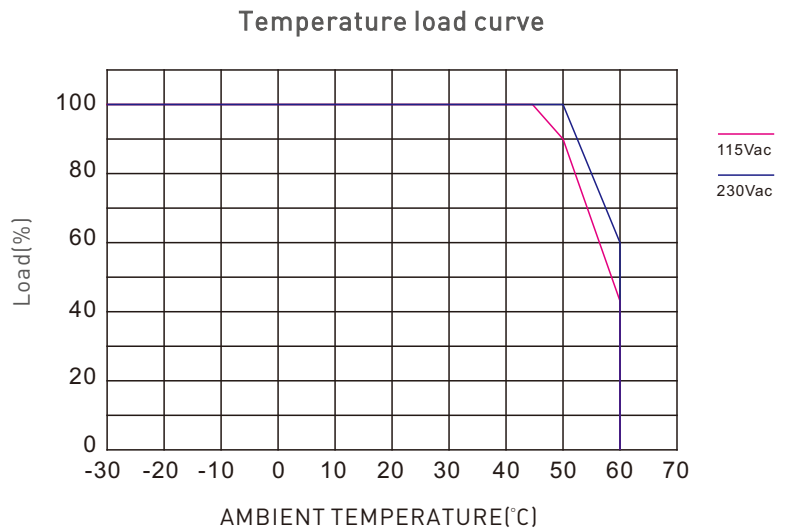


Relationship diagrams



Packaging Information

| | |
|-----------|----------------------|
| DIMENSION | 182x63x18.5mm(LxWxH) |
| PACKING | 200x76x25mm(LxWxH) |
| WEIGHT | 360g±10g/PCS |



* No further notice if any changes in the manual. Product function depends on the goods. Please feel free to contact your supplier if any question.