

YSL60B SERIES

Input: 100-240VAC/200-240V 50-60Hz
Output Voltage: 12V,24V,36V, 48V
Rated Power: 60W max

Features

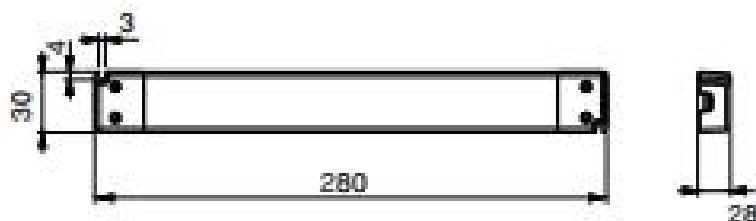
- Universal Input: 100-240V/200-240V AC 50-60Hz
- RoHS Compliance
- EMI Standard EN55015
- Safety Standard: EN61347-1, EN61347-2-13, UL8750
- Inrush current<65A AC230V/50Hz
- High efficiency & low power consumption
- Short Circuit, Over Current and Over Voltage Protection
- Over temperature protection
- 100% full load burn-in test

Application

LED lights bring
 LED indoor lighting
 LED decorative lighting
 LED building lighting



■ Dimensions and Installation

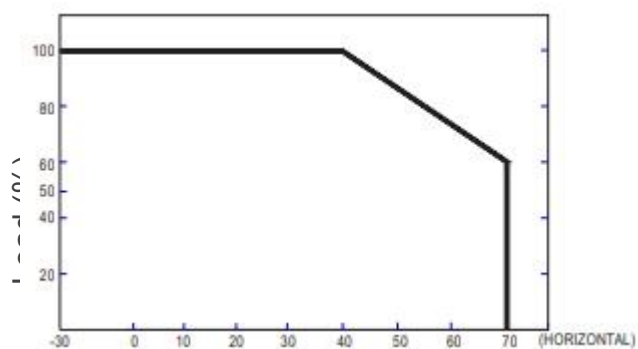


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| MODEL DETAIL SPEC. | | YSL60B-1205000 | YSL60B-2402500 | YSL60B-3601660 | YSL60B-4801250 |
|--------------------|----------------------------|---|----------------|----------------|----------------|
| INPUT | Input Voltage: | 100-240VAC/ 200-240VAC | | | |
| | Input Frequency: | 50-60Hz | | | |
| | Inrush Current: | 65 Amps max. at 230VAC/50Hz,full load | | | |
| | AC Current: | 0.17A/230VAC | | | |
| | Leakage Current: | < 0.35mA/240VAC | | | |
| | Efficiency: | 89% | 89% | 89% | 89% |
| OUTPUT | DC Voltage: | 12V | 24V | 36V | 48V |
| | Rated Current: | 5000mA | 2500mA | 1600mA | 1250mA |
| | Rated Power: | 60W | 60W | 60W | 60W |
| | Voltage Tolerance: | ±5.0% | ±5.0% | ±5.0% | ±5.0% |
| | Ripple and Noise: | 120mVp-p | 240mVp-p | 360mVp-p | 480mVp-p |
| | Line Regulation: | ±3% | | | |
| | Load Regulation: | ±5% | | | |
| | Setup, Rise, Hold Up time: | 1s, 10ms/60ms 230VAC 1000ms, 1ms/25ms 115VAC at full load | | | |
| ENVIRONMENTAL | Operating Temperature: | -20 ~ +50 (Refer to "Derating Curve") | | | |
| | Storage Temp: | -40°C ~ 85°C | | | |
| | Storage Humidity: | 20 ~ 95% RH | | | |
| | Working Humidity: | 20 ~ 95% RH non-condensing | | | |
| PROTECTION | Over Load: | Above 105%-130% rated output power | | | |
| | | Protection type: Hiccup mode, recovers automatically after fault condition is removed | | | |
| | Over Voltage: | 12V:13.8 ~ 16.2V 24V:27.6 ~ 32.4V 36V:41.4~48.6V 48V : 55.2~64.8V | | | |
| | | Protection type: Shut down o/p voltage, re-power on to recover | | | |
| | Over Temperature: | Shut down o/p voltage, re-power on to recover | | | |
| SAFETY & EMC | Safety Regulations: | EN61347-2-13:2014+A1:2017,EN61347-1:2015;EN62493:2015 | | | |
| | Withstand Voltage: | I/P-O/P:3750KVAC | | | |
| | Harmonic | EN61000-3-2 Class C EN61000-3-3 | | | |
| | EMI: | Compliance to EN55015 | | | |
| | EMS : | compliance to 61547:2009 | | | |
| OTHER | MTBF: | 200,000 Hours Minimum at Full Load at 25°C Ambient | | | |
| | Size: | 280*30*28mm | | | |
| | Weight: | 220g / pcs | | | |
| | Packaging: | 100PCS/CTN,37.5*28.5*24cm | | | |

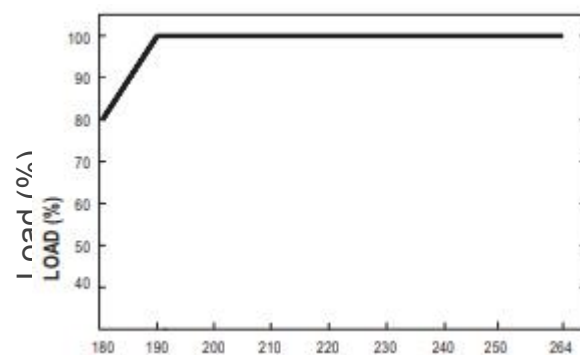
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Deduction curve and temperature



Environment temperature(°C)

Minus output and input voltage curves



Input voltage(VAC)

Functional Diagram

