

## YSL75T SERIES

**Input: 100-240VAC 50/60Hz; 200-240VAC 50Hz**

**Output Voltage: 12V, 24V, 36V, 48VDC**

**Rated Power: 75W max**



### Features:

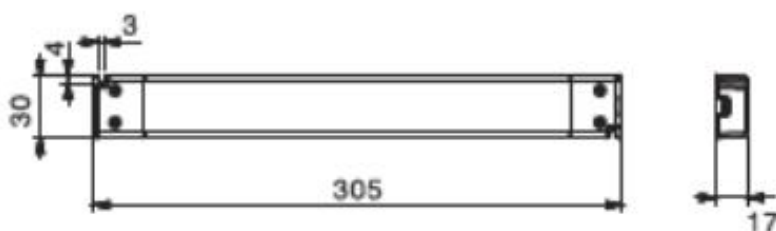
- Universal Input:  
100-240V AC 50/60Hz; 200-240VAC 50Hz
- RoHS Compliance
- EMI Standard EN55015:2019+A11
- Safety Standard: EN61347-1:2015, EN61347-2-13:2014+A1:2017, UL8750
- Inrush current < 65A AC230V/50Hz
- High efficiency & low power consumption
- Short Circuit, Over Current and Over Voltage 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. |                            | YSL75T-126250   | YSL75T-2403125 | YSL75T-3602080 | YSL75T-4801560 |
|--------------------|----------------------------|---|----------------|----------------|----------------|
| INPUT              | Input Voltage:             | 100-240VAC/200-240VAC   |                |                |                |
|                    | Input Frequency:           | 50/60Hz   |                |                |                |
|                    | Inrush Current:            | 65A/230VAC at full load   |                |                |                |
|                    | AC Current:                | 0.85A/115VAC 0.42A/230VAC   |                |                |                |
|                    | Leakage Current:           | < 0.25mA/240VAC   |                |                |                |
|                    | Efficiency:                | 88%   |                |                |                |
| OUTPUT             | DC Voltage:                | 12V   | 24V            | 36V            | 48V            |
|                    | Rated Current:             | 6250mA  | 3125mA         | 2080mA         | 1560mA         |
|                    | Rated Power:               | 75W   |                |                |                |
|                    | Voltage Tolerance:         | ±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<br>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:3.75KVAC  |                |                |                |
|                    | 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:                      | 305*30*17mm   |                |                |                |
|                    | Weight:                    | 150g / pcs  |                |                |                |
|                    | Packaging:                 | 100PCS/CTN  |                |                |                |

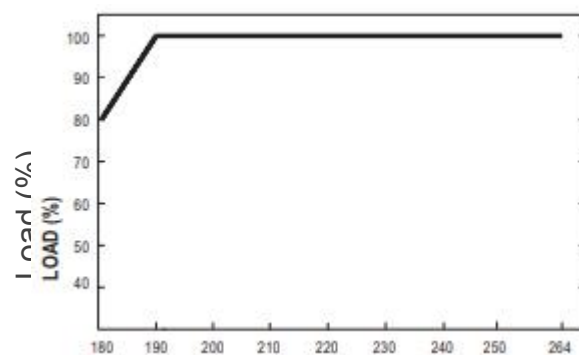
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### Deduction curve and temperature



Environment temperature(°C)

### Minus output and input voltage curves



Input voltage(VAC)

### Functional Diagram

