

## YSL75T-60W# SERIES

Input: 220-240V 50/60Hz  
Output Voltage: 12V,24V,36V,48V  
Rated Power: 60W max

### Features

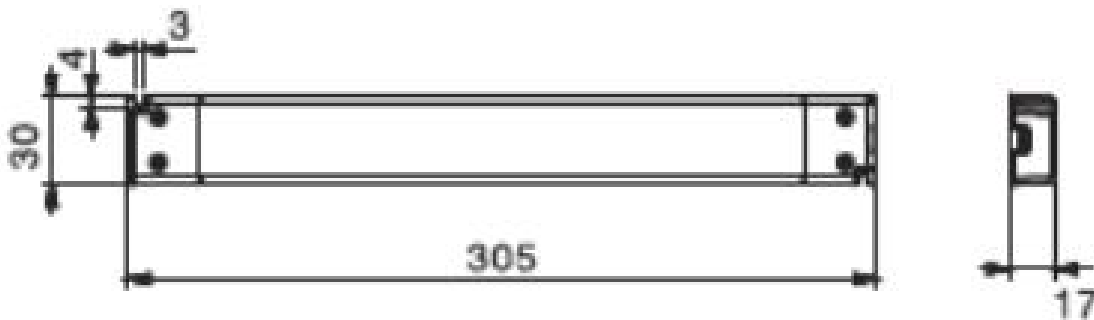
- Independent Linetype Power Supply
- Flicker-free Design
- Terminal block for Quick Connection
- Protections: Over Voltage, Overload, Short Circuit
- Class II Protection Design
- ERP :EU2019/2020

### Application

LED strips  
LED indoor lighting  
LED decorative lighting  
LED building lighting



### ■ Dimensions and Installation

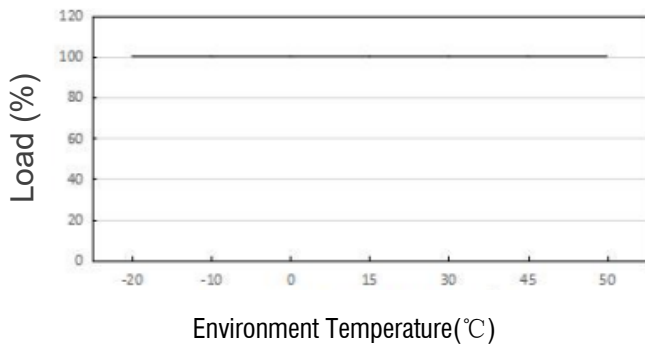


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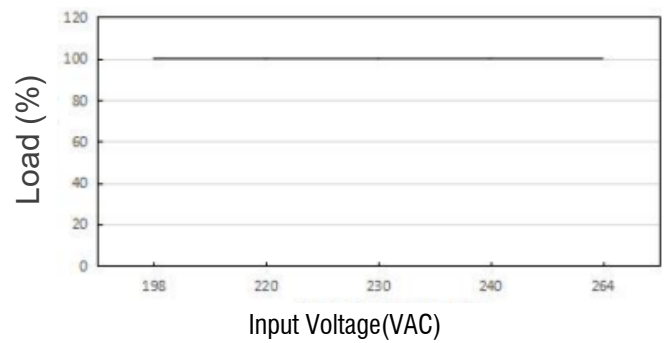
| MODEL DETAIL SPEC. |                              | YSL75T-1205000                                                                                                               | YSL75T-2402500 | YSL75T-3601660 | YSL75T-4801250 |
|--------------------|------------------------------|------------------------------------------------------------------------------------------------------------------------------|----------------|----------------|----------------|
| INPUT              | Input Voltage:               | 220-240VAC                                                                                                                   |                |                |                |
|                    | Range of Input Voltage:      | 198-264VAC                                                                                                                   |                |                |                |
|                    | Input Frequency:             | 50/60Hz                                                                                                                      |                |                |                |
|                    | Input Current:               | 0.4AMAX@Full Load                                                                                                            |                |                |                |
|                    | Inrush Current:              | < 65 Amps at 230VAC/50Hz@full load                                                                                           |                |                |                |
|                    | Leakage Current:             | < 0.25mA/240VAC                                                                                                              |                |                |                |
|                    | THD (Full load):             | < 20%                                                                                                                        |                |                |                |
|                    | Unload Power Consumption:    | < 0.5W                                                                                                                       |                |                |                |
|                    | Efficiency:                  | 86%                                                                                                                          |                |                |                |
|                    | Power Factor:                | ≥0.95@Full Load 220-240VAC                                                                                                   |                |                |                |
| OUTPUT             | DC Voltage:                  | 12V                                                                                                                          | 24V            | 36V            | 48V            |
|                    | Rated Current(Max):          | 5A                                                                                                                           | 2.5A           | 1.66A          | 1.25A          |
|                    | Rated Power(Max):            | 60W                                                                                                                          | 60W            | 60W            | 60W            |
|                    | Voltage Tolerance:           | ±5%                                                                                                                          |                |                |                |
|                    | Ripple and Noise:            | 400mVp-p                                                                                                                     | 400mVp-p       | 400mVp-p       | 400mVp-p       |
|                    | Line Regulation:             | ±3%                                                                                                                          |                |                |                |
|                    | Load Regulation:             | ±5%                                                                                                                          |                |                |                |
|                    | Setup, Rise, Hold Up Time:   | 1s, 10ms/60ms 230VAC @ full load                                                                                             |                |                |                |
| ENVIRONMENTAL      | Operating Temperature Ta:    | -20℃ ~ +45℃                                                                                                                  |                |                |                |
|                    | Storage Temp:                | -40℃ ~ +85℃                                                                                                                  |                |                |                |
|                    | Maximum Case Temperature Tc: | +85℃                                                                                                                         |                |                |                |
|                    | Humidity:                    | 20 ~ 95% RH                                                                                                                  |                |                |                |
|                    | Lifetime:                    | >30000hours@ta 40℃                                                                                                           |                |                |                |
| PROTECTION         | Over Load:                   | Yes , Protection type: Auto Restore<br>Protection type: Hiccup mode, recovers automatically after fault condition is removed |                |                |                |
|                    | Over Voltage:                | Yes , Protection type: Auto Restore<br>Protection type: Shut down o/p voltage, re-power on to recover                        |                |                |                |
|                    | Short Circuit:               | Yes , Protection type: Auto Restore                                                                                          |                |                |                |
|                    |                              |                                                                                                                              |                |                |                |
| SAFETY & EMC       | Safety Regulations:          | EN61347-2-13:2014+A1:2017,EN61347-1:2015+A1:2021;EN62493:2015                                                                |                |                |                |
|                    | Withstand Voltage:           | I/P-O/P:3750VAC                                                                                                              |                |                |                |
|                    | Harmonic:                    | EN61000-3-2 Class C EN61000-3-3                                                                                              |                |                |                |
|                    | EMI:                         | Compliance to EN55015                                                                                                        |                |                |                |
|                    | EMS:                         | Compliance to EN61547:2009                                                                                                   |                |                |                |
| OTHER              | MTBF:                        | 200,000 Hours Minimum at Full Load at 25℃ Ambient                                                                            |                |                |                |
|                    | Case Material and Size:      | Plastic                                                                                                                      |                |                |                |
|                    | IP Grade:                    | IP20                                                                                                                         |                |                |                |
|                    | Size:                        | 305*30*17mm                                                                                                                  |                |                |                |
|                    | Weight:                      | 150g / pcs                                                                                                                   |                |                |                |
|                    | Packaging:                   | 100PCS/CTN                                                                                                                   |                |                |                |

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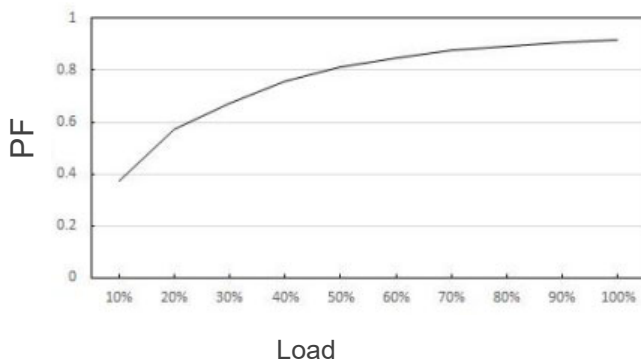
### Deduction Curve and Temperature



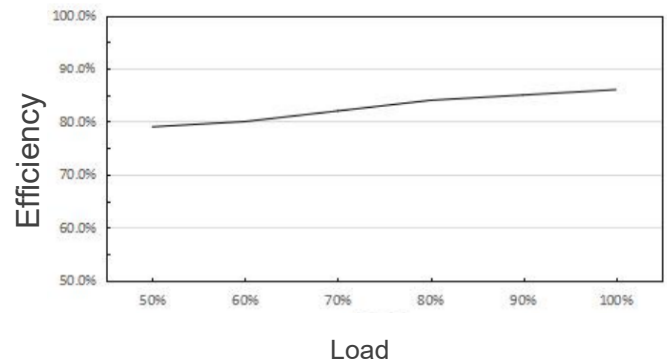
### Minus Output and Input Voltage Curves



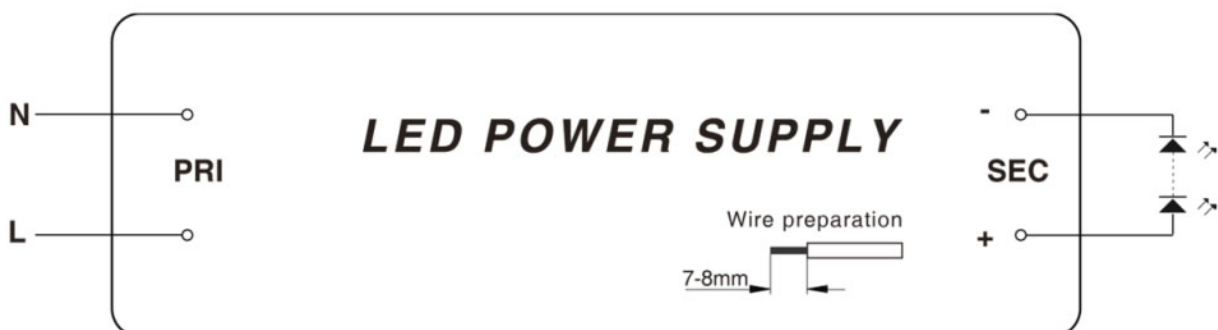
### Power Factor (PF) Curves



### Efficiency Vs Load



### Wiring Diagram



### Manufacturer's address:

Cuijia, Xidian Town, Ninghai, Ningbo 315613, China

Tel: +86-574-87563856

<https://www.yingjiaodriver.com>

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