

Instruction for the use of the LED POWER SUPPLY

Model: SLT80-24VLG-E **Applications**

This type of power supply is an exclusively designed stabilized power supply for LED lamp, it is a switch mode power supplier with 24VDC constant output voltage.

The built-in protection circuit will shut down the power supply in case of such faults as: open circuit, short circuit, over load or over temperature. The power supply will restart automatically after fault correction.

Important information for the installation

- The unit uses dangerous mains voltage(220-240VAC), it should only be Installed by qualified electricians according to European safety standard or relevant nation regulations.

Failure to observe any of the installation instruction may cause fire or other hazards.

- The power supply is for LED lamps only. Pay attention to the polarity of LED, wrong polarity may damage the LED.

- The power supply is only for indoor use and permissible operating temperature is -20 to 40°C (80W)/ -20 to 45°C (75W).

- With terminal cover and cable clamp, the power supply can be independent installed.

- The indicated load should not be exceeded.

- The maximum length of the output cable to the LED lamps should not exceed 2m in order to meet the EMC standard.

- If the LED power supply is used for purposes other than originally intended or it is connected incorrectly, the manufacturer is not responsible for possible damages.

- Wasted PCB during transit, delivery, use and scrap disposal can cause certain environment damage. Please handle it according to “waste electronic products disposal rules” locally.

- It is allowed that connecting with 75W rated load under ambient temperature 40°C, but make sure the actual load within 106% of labeled load.

Specifications

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| Input voltage : | 220-240VAC |
| Input frequency : | 50/60Hz |
| Input current : | 0.4A@220Vac |
| Input power factor : | 0.95@1.0A-3.34A |
| Output voltage : | 24VDC |
| Output current : | 0-3.34A |
| Rated output power : | 0-80W |
| Ambient temperature : | -20...+45°C 0-75W -20...+40°C 0-80W |
| Case temperature : | 90°C |
| IP protecton : | IP20 |
| Primary cable : | H03VVH2-F 2X0.75mm ² |
| Secondary cable : | H03VVH2-F 2X0.75mm ² |



