

# 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**

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 <sup>2</sup>
Secondary cable :	H03VVH2-F 2X0.75mm <sup>2</sup>



