

# MOSO LSV

## LSV-150B

## LED Driver LSV Series

150W Constant Voltage Power Supply



## FEATURES

- Constant voltage output;
- High power factor >0.96(230Vac& full load);
- Universal input voltage 100-277Vac;
- Overall protection: Short circuit / Over temperature / Over voltage / Over load;
- Surge immunity: line-line 5KV, line-earth 10KV;
- IP67, glue potted, suitable for dry / wet / damp locations;
- Ambient temperature:-40C° ~ 60C°

## DESCRIPTION

LSV-150 series is constant voltage led driver, designed for lighting used for landscape illumination. The driver has built-in active PFC, multiple protections, and 10KV surge immunity. it's a excellent design with high reliability and long lifetime. 12V / 24V / 36V / 48V output voltage.

## MODELS

| Model Number | Max Output Power(W) | Output Voltage Range(Vdc) | Output Current Range(A) | Output Mode | Typical Efficiency | Power Factor |        |
|--------------|---------------------|---------------------------|-------------------------|-------------|--------------------|--------------|--------|
|              |                     |                           |                         |             |                    | 115Vac       | 230Vac |
| LSV-150B012  | 150                 | 12                        | 0~12.5                  | CV          | 91%                | 0.99         | 0.96   |
| LSV-150B024  | 150                 | 24                        | 0~6.25                  | CV          | 92%                | 0.99         | 0.96   |

**NOTES** : All performance parameters are measured at 25°C ambient temperature, 230VAC input, full load conditions, except for those specified

## PROTECTIONS

| Parameter                   | Notes  |
|-----------------------------|--|
| Over Temperature Protection | When the Tc is over 90°C, the driver shuts off automatically and enters protection status.   |
| Short Circuit Protection    | The input power shall decrease when the output rail short, the power supply shall not be damaged.  |
| Over Current Protection     | The product will enter hiccup status when 1.1-1.5 maximum load current applied to the output, and the product shall be self-recovery when the fault condition is removed.                      |
| Over Voltage Protection     | When the output voltage is over 1.1-1.3 Rated Load Voltage, the driver shuts off automatically and enters protection, the driver will work after fault condition removed and AC input reapply. |

## DIMENSION

