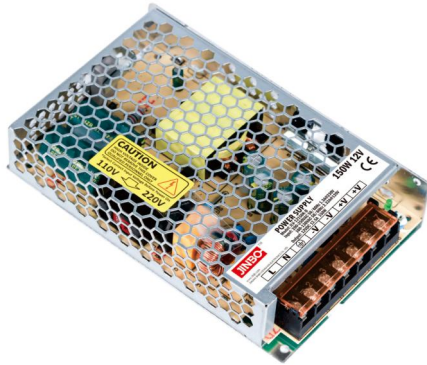


The power behind your lights



Model: JLV-12150K-D Size: 159*97*30 mm
JLV-24150K-D



Brief Information

Powermax™
Technology Inside

150W

Power Supply (C.V.)

Model JLV-12150K-D / JLV-24150K-D

Input 100-130V AC & 180-250V AC

Output 12V DC 6.25A / 24V DC 3.125A 150W

Product Features

- Input AC/DC
- High transfer efficiency
- Compact size
- Endurable & stable quality
- 100% full loading, 100% burn-in tested
- Overload/short circuit/overvoltage protection

MAIN ELECTRICAL DATA

AC Input

Input Voltage	100-250V (Conversion switch)
Input Frequency	50/60Hz
Efficiency (Typ.)	87.5% 12V / 90% 24V
Input Current	2.4A@110V max.
Inrush Current	65A
Leakage Current	5mA/220VAC

DC Output

Output Voltage	12V	24V
Rated Current	12.5A	6.25A
Rated Power	150W	150W
Ripple & Noise (Max.)	<150mVp-p	<150mVp-p
Setup, Rise Time	1500ms/220VAC	1500ms/220VAC
Line Regulation	0.5%	0.5%
Load Regulation	0.5%	0.5%

Service Environment

Working Temp. -20°C~70°C*

Working Humidity 15%-90% RH

Storage Temp. -40°C~85°C

Storage Humidity 15%-95% RH

* (derating from 50°C, please refer the derating curve on page 2)

Protection

Overload Yes, active when loading is over 5~30% output voltage shutdown.

Short Circuit Yes, hip-cup mode
recovers after fault condition is removed.

Safety

Safety Standard GB4943/IEC62368 , EN 61558

Withstand Voltage I/P-O/P: 3750VAC/1min/<5mA

Isolation Resistance I/P-O/P: >100M Ohms / 500VDC
/25°C / 70%RH

EMC EN 55032 , CLASS A

Standards GB4943/IEC62368 , EN 61558

Packaging Information

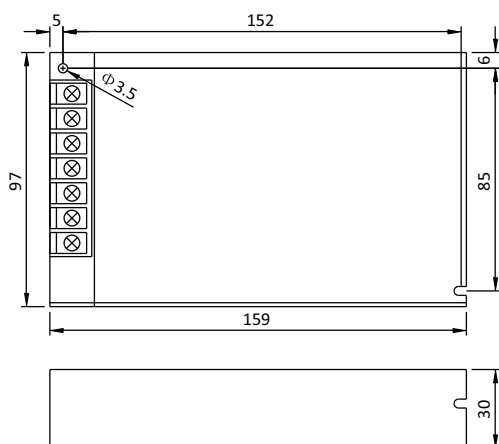
Product Dimension	159x97x30 mm
Products Net Weight	355 G
PCS/Carton(QTY)	40 PCS
G. Weight/ Carton	16 KG
Master Carton Meas.	39x34.5x23 cm

Installation Tips:

- Please identify the power supply's input and output before installation.
- Ensure correct output + & - wire connection.
Power on after wire connection is done.
- To avoid voltage drop and loading capacity wasting on the output extension wire, please install the power supply to the loading as near as possible, if must use long extension wires, thicker wires and less loading wattage is required.
- The power supply to be installed at good ventilation and cooling environment.

The power behind your lights

Physical Drawing



Unit: mm

Brief Information

PowermaxTM
Technology Inside

150W

Power Supply (C.V.)

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Input 100-130V AC & 180-250V AC

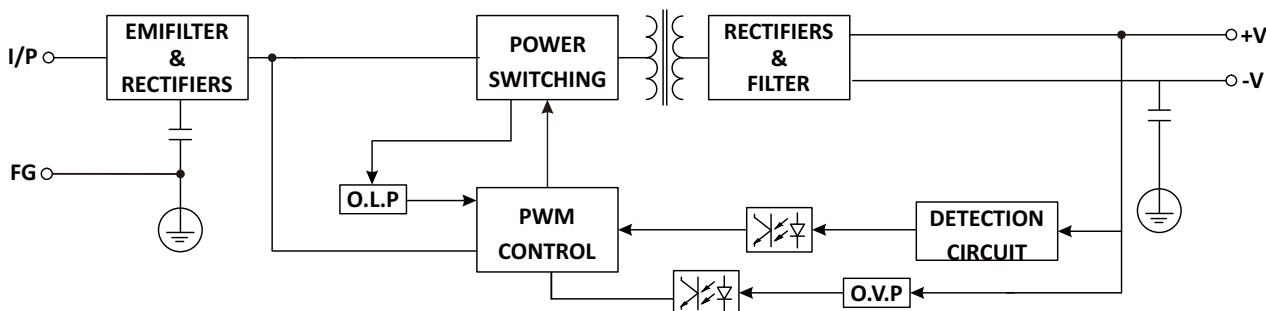
Output 12V DC 6.25A / 24V DC 3.125A 150W

Input & Output

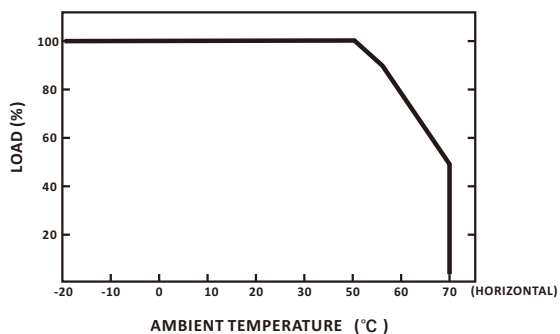
9500-7P Screw Terminals With Cover
inflamming retarding

Housing: Aluminium

Block Diagram



Derating Curve



Static Characteristics

