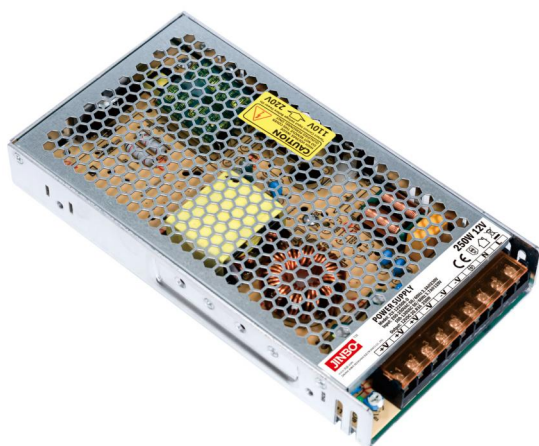


The power behind your lights



Model: JLV-12250K-D Size: 215*115*30 mm
JLV-24250K-D


Brief Information

Powermax™
Technology Inside

250W

Power Supply (C.V.)

Model JLV-12250K-D / JLV-24250K-D

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

Output 12V DC 20.83A / 24V DC 10.42A 250W

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.)	88% 12V / 89% 24V
Input Current	3.7A@110V max.
Inrush Current	70A
Leakage Current	5mA/220VAC

DC Output

Output Voltage	12V	24V
Rated Current	20.83A	10.42A
Rated Power	250W	250W
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 215x115x30 mm

Products Net Weight 610 G

PCS/Carton(QTY) 20 PCS

G. Weight/ Carton 13.6 KG

Master Carton Meas. 38x25.5x26.5 cm

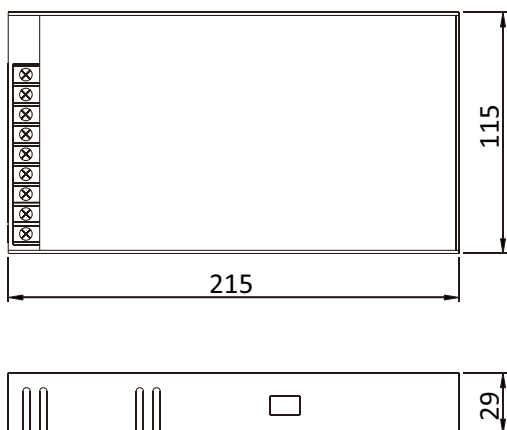
Installation Tips:

- 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



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

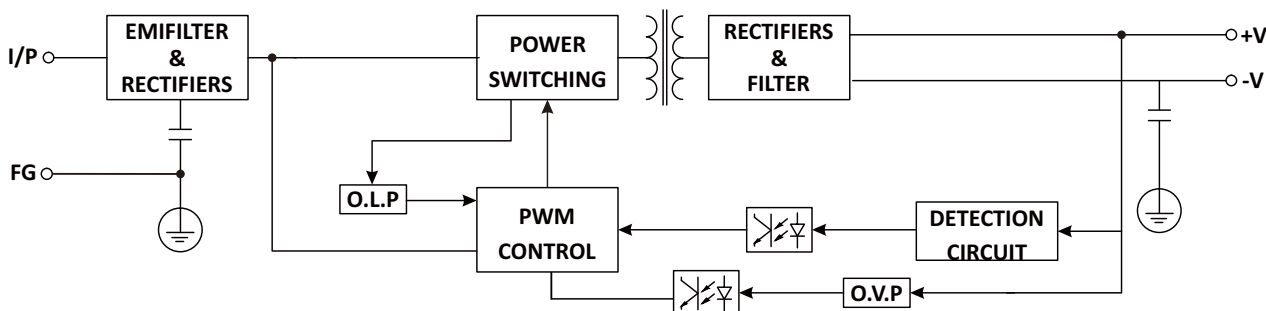
Output 12V DC 20.83A / 24V DC 10.42A 250W

Input & Output

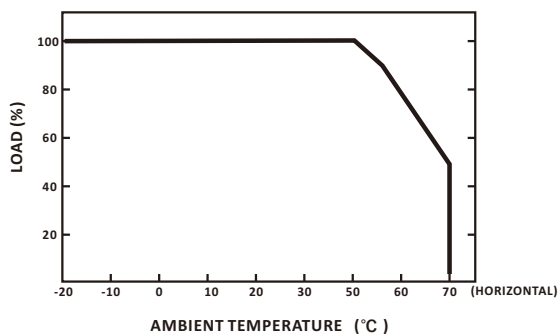
9500-9P Screw Terminals With Cover
inflamming retarding

Housing: Aluminium

Block Diagram



Derating Curve



Static Characteristics

