JINBO™

The power behind your lights

ZHUHAI JINBO KECHUANG ELECTRONICS CO., LTD.
163 Xiaolin Road, Hongqi, Jinwan, Zhuhai, Guangdong, China 519090
Tel: +86-756-2256343 E-mail: info@zhjb.com www.zhjb.com

Model: JLV-12036K-D
JLV-24036K-D

Size: 88*58*30 mm

CE SELV

Brief Information

Powermax™ Technology Inside

36W

Power Supply (C.V.)

Model JLV-12036K-D / JLV-24036K-D
Input 100-250V AC
Output 12V DC 3A / 24V DC 1.5A 36W

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
Input Frequency	50/60Hz
Efficiency (Typ.)	83% 12V / 86.5% 24V
Input Current	0.66A@110V max.
Inrush Current	65A
Leakage Current	5mA/220VAC

DC Output

Output Voltage	12V	24V
Rated Current	3A	1.5A
Rated Power	36W	36W
Ripple & Noise (Max.)	<120mVp-p	<120mVp-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)

EMC EN 55032 , CLASS A

Standards GB4943/IEC62368 , EN 61558

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

Packaging Information

Product Dimension	88x58x30 mm
Products Net Weight	110 G
PCS/Carton(QTY)	120 PCS
G. Weight/ Carton	16.3 KG
Master Carton Meas.	39x30.5x28 cm

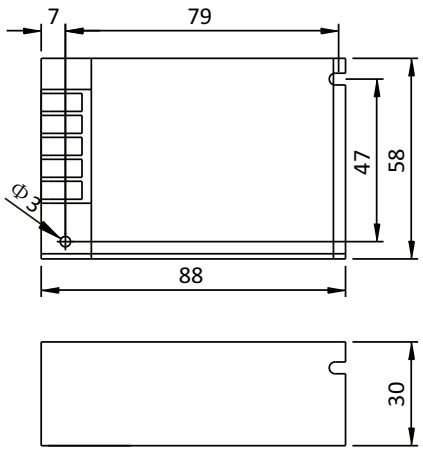
Installation Tips:
- Please identify the power supply's input and output before installation.
- Ensure correct output + & - wire connection. Power on after wire connection is done.
- To avoid voltage drop and loading capacity wasting on the output extension wire, please install the power supply to the 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.

ZHUHAI JINBO KECHUANG ELECTRONICS CO., LTD.
163 Xiaolin Road, Hongqi, Jinwan, Zhuhai, Guangdong, China 519090
Tel: +86-756-2256343 E-mail: info@zhjb.com www.zhjb.com

The power behind your lights

Physical Drawing

Unit: mm



Brief Information

Powermax™ Technology Inside

36W

Power Supply (C.V.)

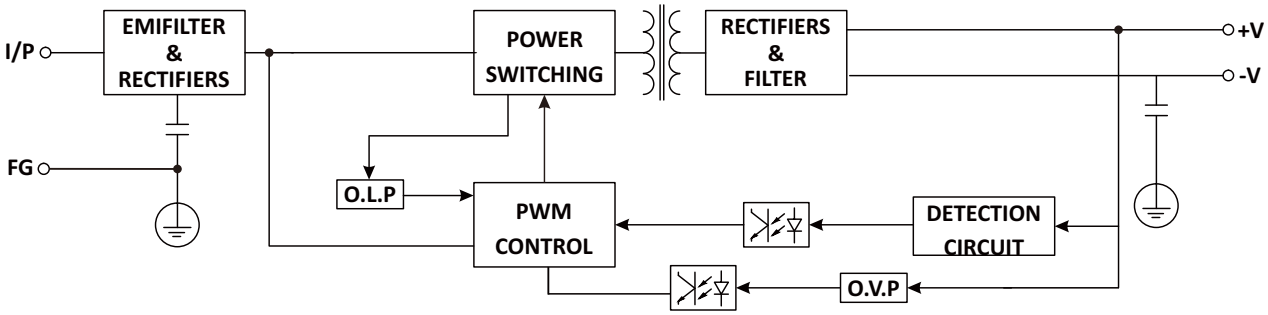
Model JLV-12036K-D / JLV-24036K-D
Input 100-250V AC
Output 12V DC 3A / 24V DC 1.5A 36W

Input & Output

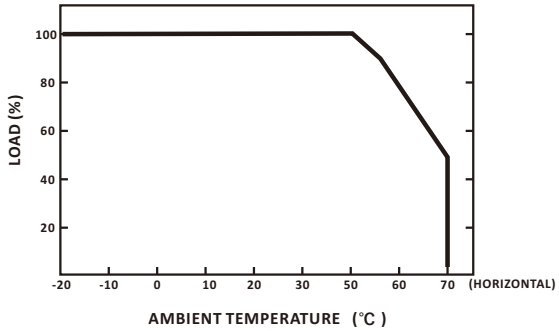
9500-5P Screw Terminals With Cover
inflaming retarding

Housing: Aluminium

Block Diagram



Derating Curve



Static Characteristics