JINBO™

The power behind your lights

ZHUHAI JINBO KECHUANG ELCTRONICS CO., LTD
163 Xiaolin Road, Hongqi, Jinwan, Zhuhai, Guangdong, China
Tel: +86-756-2256343 Fax: +86-756-3820283
E-mail: info@zhjb.com www.zhjb.com

Model: JLV-24150PS-ES Size: 350x30x18mm

CE High Power Factor PF(λ)>0.95 SELV

Brief Information

Powermax™ Technology Inside

150W

Waterproof Power Supply (C.V.)

Model JLV-24150PS-ES
Input 200-240V AC
Output 24VDC 6.25A 150W

Product Features

- High transfer efficiency & Power Factor
- High Power Factor (>0.95)
- Stable constant voltage output
- Super-thin design, Internal cemented
- 100% full loading, 100% burn-in tested
- Overload/short circuit protection

MAIN ELECTRICAL DATA

AC Input

Input Voltage	200-240V
Input Frequency	50/60Hz
Efficiency (Typ.)	93%
Input Current	230V: 0.9A max.
Inrush Current	60A
THD	<10%
Leakage Current	I/P to O/P < 250μA

DC Output

Output Voltage	24V
Rated Current	6.25A
Rated Power	150W
Ripple & Noise (Max.)	<200mVp-p
Setup, Rise Time	<0.5S/230VAC
Line Regulation	1%
Load Regulation	2%

Service Environment

Working Temp.	-25°C~50°C
Working Humidity	10~90%RH
Storage Temp.	-40°C~80°C
Storage Humidity	10~90%RH

Protection

Overload	Yes, Cut-off mode Output shuts down if over-loaded
Short Circuit	Yes, cut-off mode, recovers automatically after fault condition is removed

Safety

Safety Standard	EN 61347-2-13
Withstand Voltage	I/P-O/P: 3000VAC/1min/<5mA
Isolation Resistance	I/P-O/P: >100M Ohms / 500VDC /25°C / 70%RH

Standards

EN 61347-2-13:2014+A1:2017
EN 61347-1:2015+A1:2021
EN 62493:2015
EN 55015:2019+A11:2020
EN 61000-3-2:2019+A1:2021
EN 61000-3-3:2013+A1:2019+A2:2021
EN 61547: 2009

Packaging Information

Product Dimension	340x30x18mm
Products Net Weight	325G
PCS/Carton(QTY)	35 PCS
Master Carton Size	450x24x20cm
G. Weight/ Carton	12KG

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.

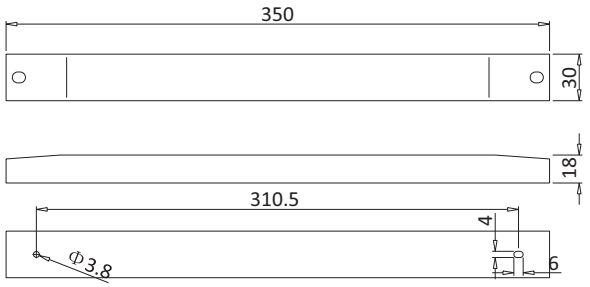
All data are for reference only, subject to revise without prior notice.

JINBO™
The power behind your lights

ZHUHAI JINBO KECHUANG ELCTRONICS CO., LTD
163 Xiaolin Road, Hongqi, Jinwan, Zhuhai, Guangdong, China
Tel: +86-756-2256343 Fax: +86-756-3820283
E-mail: info@zhjb.com www.zhjb.com

Physical Drawing

Unit: mm



Brief Information

Powermax™ Technology Inside

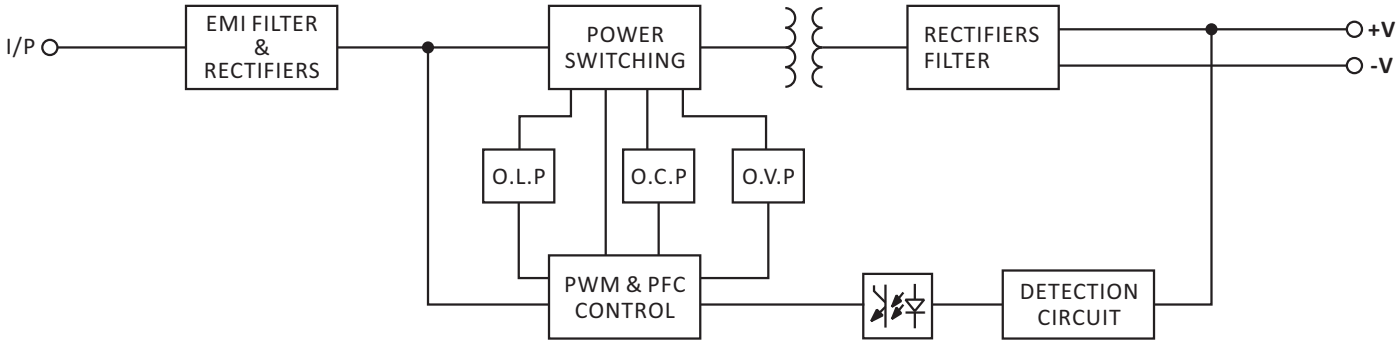
150W

Waterproof Power Supply (C.V.)

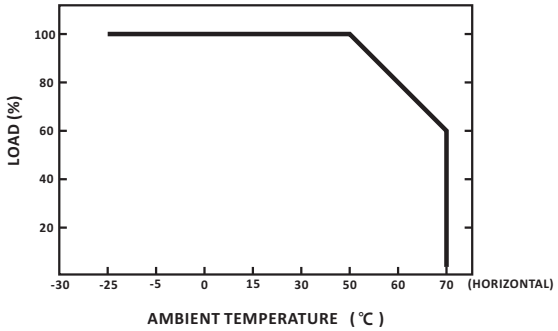
Model JLV-24150PS-ES
Input 200-240V AC
Output 24VDC 6.25A 150W

Connection: Terminal
Input Wire Cross Section: 0.75mm²-1.5 mm²
Output Wire Cross Section: 0.75mm²-1.0 mm²
Housing: Plastic, ABS

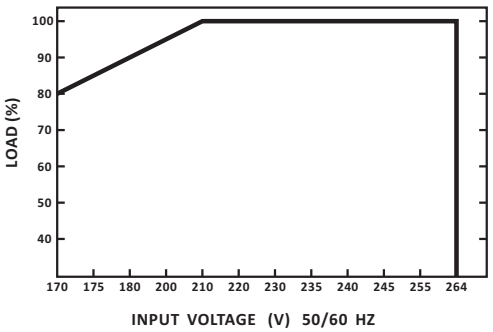
Block Diagram



Derating Curve



Static Characteristics



All data are for reference only, subject to revise without prior notice.