



Model: JLV-12024PA Size: 118x35x26mm
JLV-24024PA



Brief Information

Powermax™
Technology Inside

24W

Waterproof Power Supply (C.V.)

Model JLV-12024PA / JLV-24024PA

Input 90-264V AC

Output 12VDC 2A 24W/ 24VDC 1A 24W

Product Features

- Plastic housing, LPV standard
- High transfer efficiency
- Compact size
- IP67, for both indoor & outdoor
- 100% full loading, 100% burn-in tested
- Overload/short circuit protection

MAIN ELECTRICAL DATA

AC Input

Input Voltage	90-264V AC
Input Frequency	50/60Hz
Efficiency (Typ.)	85%
Input Current	0.4A@115V; 0.27A@230V.
Inrush Current	<40A
Leakage Current	0.5mA/230VAC

DC Output

Output Voltage	12V	24V
Rated Current	2A	1A
Rated Power	24W	24W
Ripple & Noise (Max.)	<300mVp-p	<300mVp-p
Setup, Rise Time	1500ms/230VAC	1500ms/230VAC
Line Regulation	1%	1%
Load Regulation	1%	1%

Service Environment

Working Temp.	-25°C~50°C
Working Humidity	5%-99% RH
Storage Temp.	-30°C~70°C
Storage Humidity	5%-99% RH

Protection

Overload	Yes, active when loading is over 110~130%, output voltage drops
Short Circuit	Yes, hip-cup mode recovers 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

Packaging Information

Product Dimension	118x35x26mm
Products Net Weight	160G
PCS/Carton(QTY)	80 PCS
G. Weight/ Carton	13KG
Master Carton Meas.	32x29x22cm

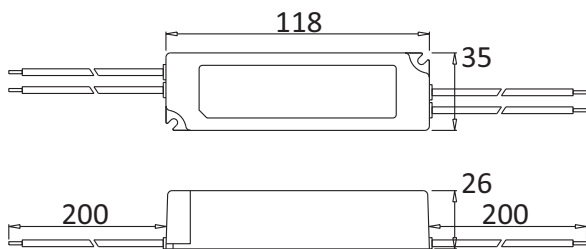
Installation Tips:

- 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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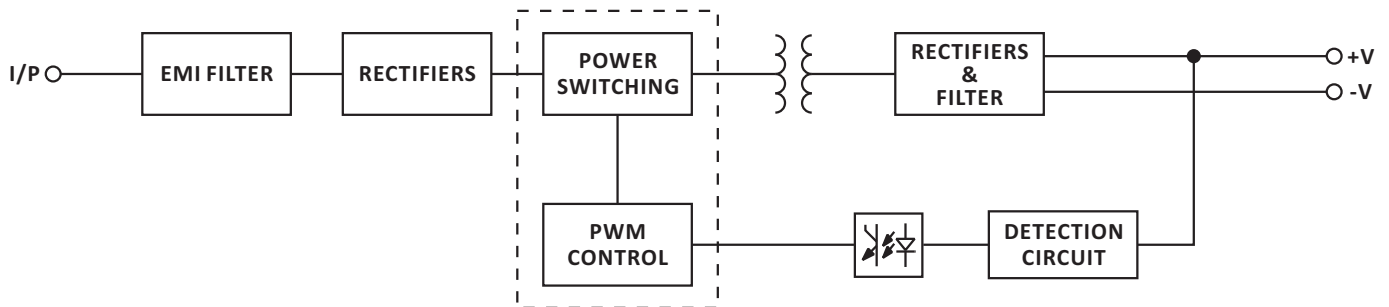
Output 12VDC 2A 24W/ 24VDC 1A 24W

Input: 2x18 AWG wire, Brown L, Blue N
200mm length

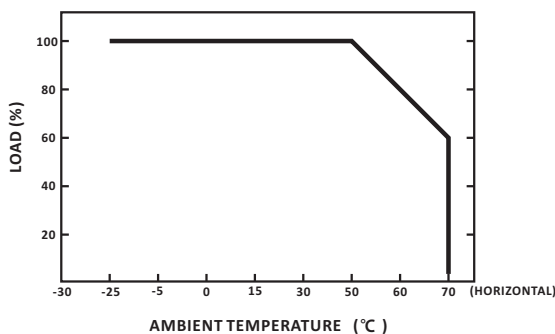
Output: 2x18 AWG wire, Red +, Black -
200mm length

Housing: Plastic (ABS)

Block Diagram



Derating Curve



Static Characteristics

