



Model: JLV-12300KA-LS
JLV-24300KA-LS

Size: 270*65*35 mm



Brief Information

Powermax™
Technology Inside

300W

Waterproof Power Supply (C.V.)

Model JLV-12300KA-LS / JLV-24300KA-LS

Input 190-250V AC

Output 12VDC 25A 300W / 24VDC 12.5A 300W

Product Features

- Aluminum housing, IP67
- Built-in active power factor
- High transfer efficiency
- Stable constant voltage output
- IP67, both indoor & outdoor use suitable
- 100% full loading, 100% burn-in tested
- Overload/short circuit protection

MAIN ELECTRICAL DATA

AC Input

Input Voltage	190-250V
Input Frequency	50/60Hz
Efficiency (Typ.)	90%
Input Current	230V: 2.5A
Inrush Current	60A
Leakage Current	5mA/230VAC

DC Output

Output Voltage	12V	24V
Rated Current	25A	12.5A
Rated Power	300W	300W
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.	-20°C~50°C
Working Humidity	15~85%RH
Storage Temp.	-40°C~85°C
Storage Humidity	15~95%RH

Protection

Overload	Yes, when overloaded 5-25%, Output voltage shutdown. cut-off mode.
Short Circuit	Yes, hiccup mode, recover automatically after fault condition 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

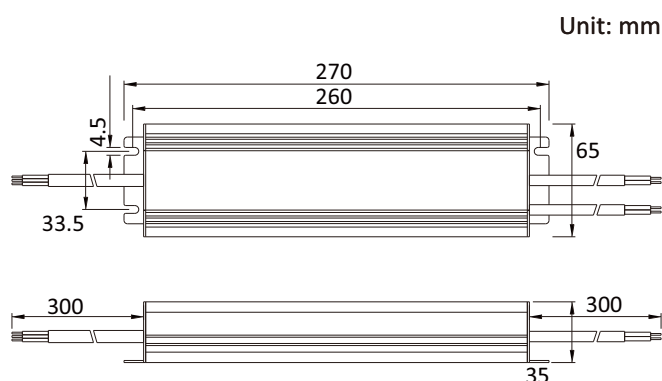
Packaging Information

Product Dimension	270*65*35 mm
Products Net Weight	1060 G
PCS/Carton(QTY)	16 PCS
Master Carton Size	34*31*24.5 cm
G. Weight/ Carton	18 KG

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.

Physical Drawing



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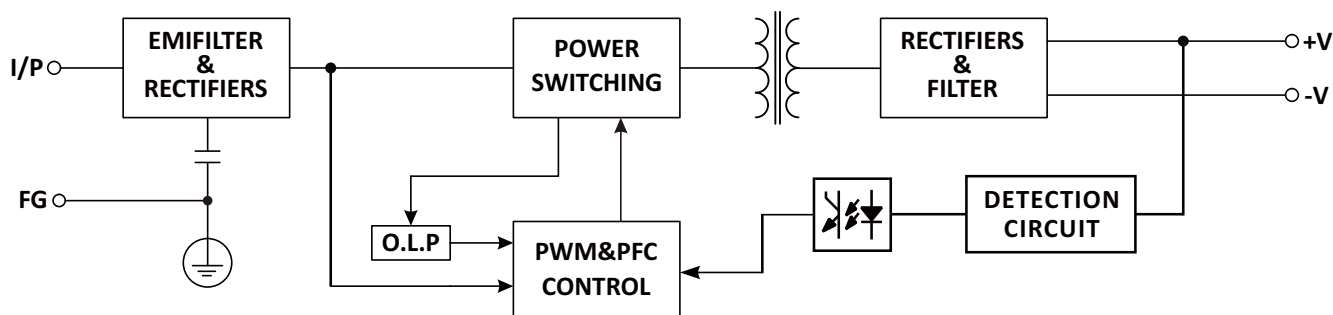
Output 12VDC 25A 300W / 24VDC 12.5A 300W

Input: 3x1mm² wire, Brown L, Blue N
300mm length

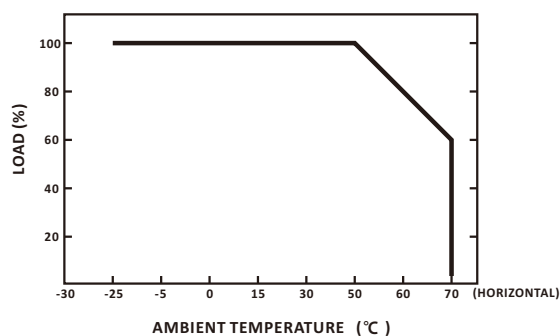
Output: 2x2x1.5mm² wire, Red +, Black -
300mm length

Housing: Aluminium

Block Diagram



Derating Curve



Static Characteristics

