



Model: JLV-12180KL-A
JLV-24180KL-A

Size: 307*53*21mm



Brief Information

Thin &
Slim Shape

180W

Power Supply (C.V.)

Model JLV-12180KL-A / JLV-24180KL-A

Input 200-250V AC

Output 12VDC 15A 180W / 24VDC 7.5A 180W

Product Features

- Thin & slim, easy for installation
- High transfer efficiency
- No Fan
- Endurable & stable quality
- 100% burn-in tested
- Overload/short circuit protection

MAIN ELECTRICAL DATA

AC Input

Input Voltage	200-250V
Input Frequency	50/60Hz
Efficiency (Typ.)	89.5%
Input Current	230V: 1.8A max.
Inrush Current	80A
Leakage Current	5mA/230VAC

DC Output

Output Voltage	12V	24V
Rated Current	15A	7.5A
Rated Power	180W	180W
Ripple & Noise (Max.)	<150mVp-p	<150mVp-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	20~90%RH
Storage Temp.	-40°C~80°C
Storage Humidity	10~95%RH

Protection

Overload	Yes, activates while overload 5~25% Constant current limiting.
Short Circuit	Yes, hiccup mode, recovers automatically after fault condition is removed

Safety

Safety Standard	EN 61347-2-13
Withstand Voltage	I/P-O/P: 3KVAC I/P-GND: 1.5KVAC O/P-GND: 0.5KVAC
Isolation Resistance	I/P-O/P: >100M Ohms / 500VDC /25°C / 70%RH

Packaging Information

Product Dimension	307*53*21 mm
Products Net Weight	290 G
PCS/Carton(QTY)	50 PCS
Master Carton Size	330x30.5x32.5 cm
G. Weight/ Carton	16.2 KG

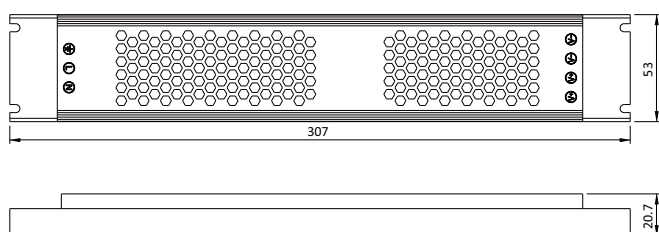
*Upto 90% load is recommended.

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

Unit: mm



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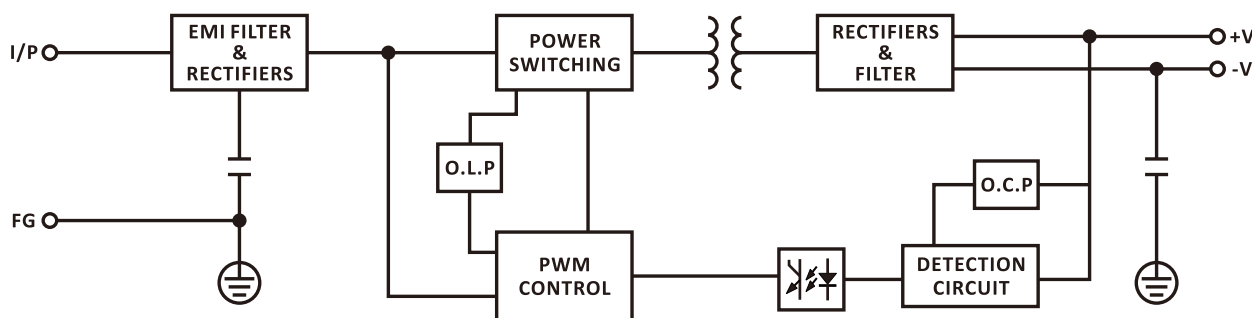
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Input & Output:

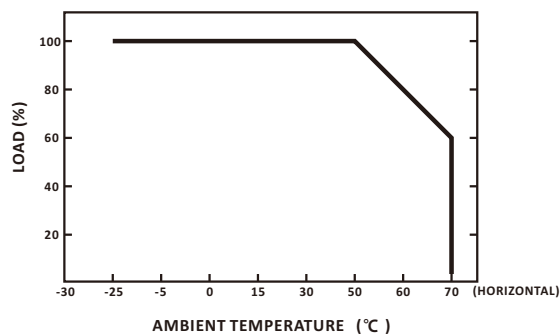
9500-7P Screw Terminals With Cover
inflaming retarding

Housing: Aluminium

Block Diagram



Derating Curve



Static Characteristics

