



Model: JLV-12300KL-A
JLV-24300KL-A

Size: 348*53*21mm



Brief Information

Thin &
Slim Shape

300W

Power Supply (C.V.)

Model JLV-12300KL-A / JLV-24300KL-A

Input 200-250V AC

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

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.)	90%
Input Current	230V: 2.3A max.
Inrush Current	50A
Leakage Current	5mA/230VAC

DC Output

Output Voltage	12V	24V
Rated Current	25A	12.5A
Rated Power	300W	300W
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	348*53*21 mm
Products Net Weight	380 G
PCS/Carton(QTY)	40 PCS
Master Carton Size	37.5x30x26 cm
G. Weight/ Carton	17 KG

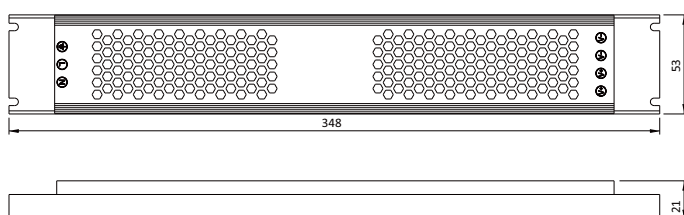
*Upto 90% load is recommended.

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



Brief Information

Thin & Slim Shape

300W

Power Supply (C.V.)

Model JLV-12300KS / JLV-24300KS

Input 200-250V AC

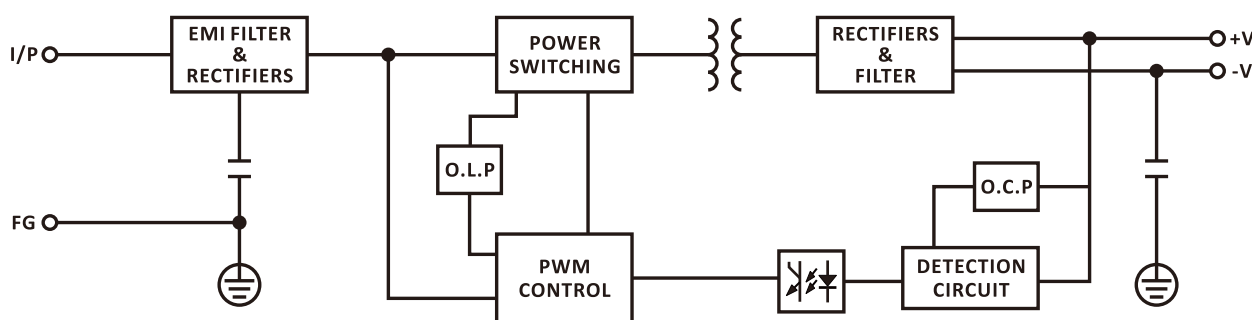
Output 12VDC 25A 300W / 24VDC 12.5A 300W

Input & Output:

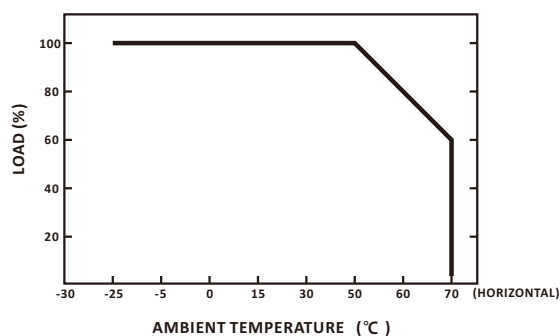
9500-7P Screw Terminals With Cover
inflaming retarding

Housing: Aluminium

Block Diagram



Derating Curve



Static Characteristics

