



Model: JLV-12120TK
JLV-24120TK

Size: 160x47x24mm



Brief Information

Powermax™
Technology Inside

120W

Power Supply (C.V.)

Model JLV-12120TK / JLV-24120TK

Input 200-250V AC

Output 12VDC 10A 120W / 24VDC 5A 120W

Product Features

- Narrow profile, easy for installation
- High transfer efficiency
- Endurable & stable quality
- 100% full loading, 100% burn-in tested
- Overload/short circuit protection

MAIN ELECTRICAL DATA

AC Input

Input Voltage	200-250V
Input Frequency	50/60Hz
Efficiency (Typ.)	88%
Input Current	230V: 1.15A@12V 230V: 1.15A@24V
Inrush Current	50A
Leakage Current	5mA/230VAC

DC Output

Output Voltage	12V	24V
Rated Current	10A	5A
Rated Power	120W	120W
Ripple & Noise (Max.)	<200mVp-p	<200mVp-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	20~95%RH
Storage Temp.	-40°C~60°C
Storage Humidity	10~95%RH

Protection

Overload	Yes, cut-off mode, output shuts down if 5-30% overloaded, automatic recovery
Short Circuit	Yes, hiccup mode, recovers automatically after fault condition is removed

Safety

Safety Standard	EN 62368-1
Withstand Voltage	I/P-O/P: 3.75KVAC 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

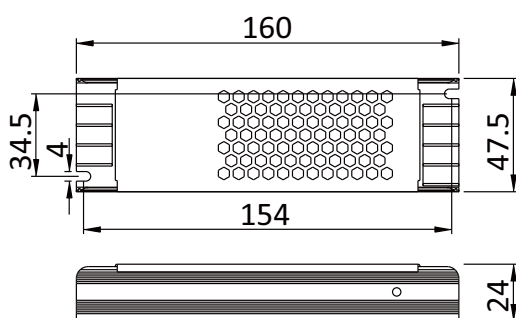
Product Dimension	160x47x24 mm
Products Net Weight	200 G
PCS/Carton(QTY)	80 PCS
Master Carton Size	35*31*23 cm
G. Weight/ Carton	17.4 KG

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

Unit: mm



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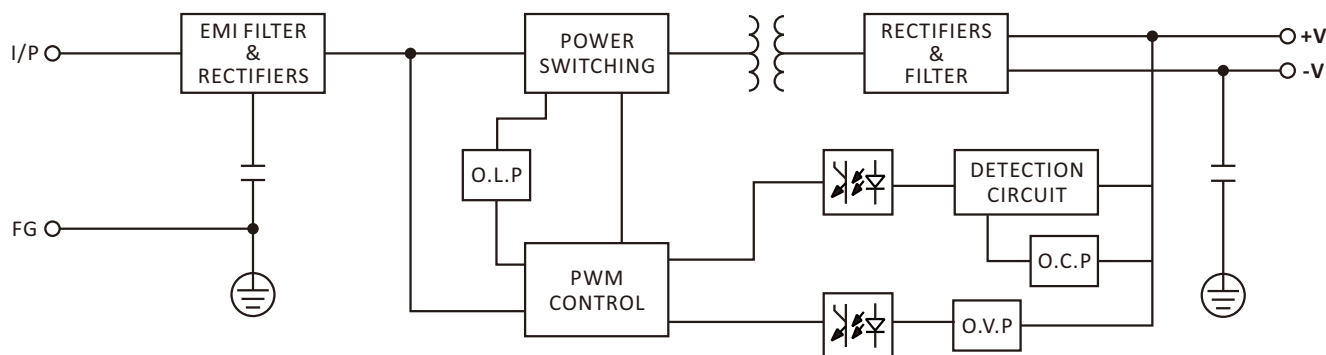
Input & Output:

9500-7P Screw Terminals With Cover
inflamming retarding

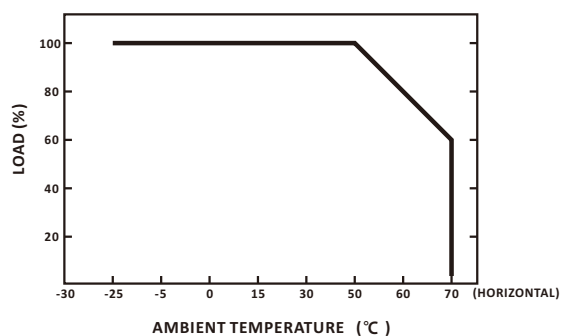
Input 3 Pins, Output 4 Pins.

Housing: Aluminium

Block Diagram



Derating Curve



Static Characteristics

