



Model: JLV-12200KA-KY
JLV-24200KA-KY

Size: 245*65*35 mm



Brief Information

PowermaxTM
Technology Inside

200W

Waterproof Power Supply (C.V.)

Model JLV-12200KA-KY / JLV-24200KA-KY

Input 100-250V AC

Output 12VDC 16.7A 200W / 24VDC 8.33A 200W

Product Features

- Plastic housing, LPV standard
- High Power Factor (>0.95)
- Standby power consumption < 0.5W
- 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	100-250V
Power factor	>0.95
Input Frequency	50/60Hz
Efficiency (Typ.)	92%
Input Current	230V: 1.1A 120V: 2.4A
Inrush Current	40A
Leakage Current	5mA/230VAC

DC Output

Output Voltage	12V	24V
Rated Current	16.7A	8.33A
Rated Power	200W	200W
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.	-20°C~50°C
Working Humidity	15~90%RH
Storage Temp.	-40°C~85°C
Storage Humidity	15~95%RH

Protection

Overload	Yes, O/P voltage drop mode, active when overloaded 100-110%, Output voltage shutdown
Short Circuit	Yes, hiccup mode, recover automatically after fault condition removed

Safety

Safety Standard	EN 61347-2-13
Withstand Voltage	I/P-O/P: 3000KVAC/1min/<5mA
Isolation Resistance	I/P-O/P: >100M Ohms / 500VDC /25°C / 70%RH

Packaging Information

Product Dimension	245*65*35 mm
Products Net Weight	958G
PCS/Carton(QTY)	16 PCS
Master Carton Size	34*28.5*19.5 cm
G. Weight/ Carton	16.2KG

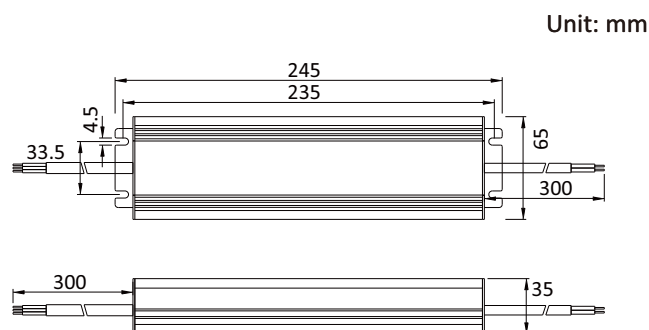
Input voltage of 230V

- B type(16A) air circuit-breaker load quantity: 9 pcs.
- C type(16A) air circuit-breaker load quantity: 10 pcs.

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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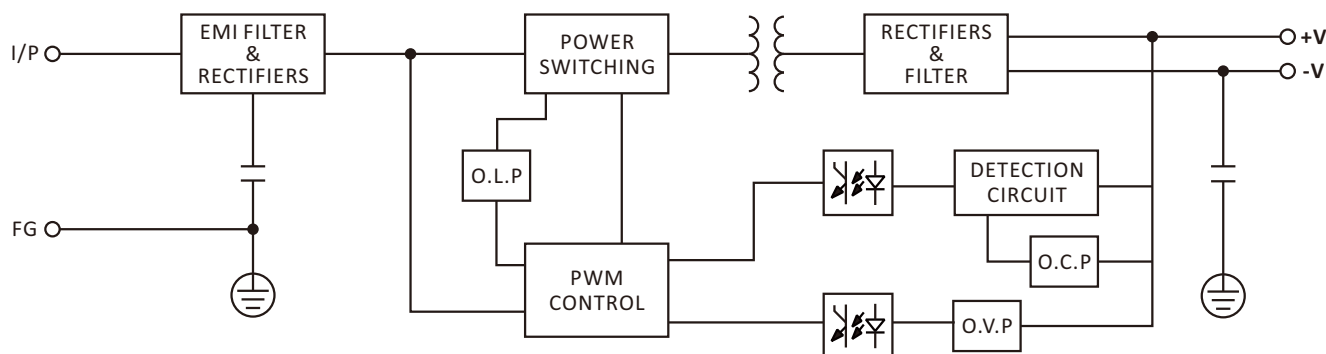
Output 12VDC 16.7A 200W / 24VDC 8.33A 200W

Input: 3x1mm² wire, Brown L, Blue N
250mm length

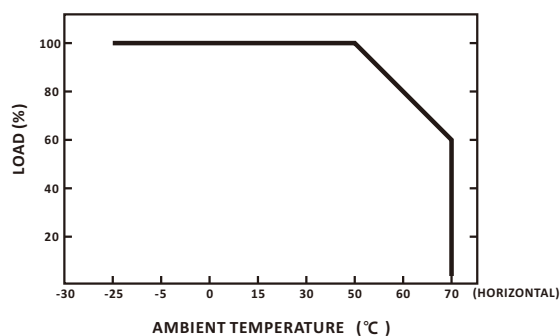
Output: 2x2.08mm² wire, Red +, Black -
250mm length

Housing: Aluminium

Block Diagram



Derating Curve



Static Characteristics

