

## EMC indoor aluminum shell strip power series



### Features:

1. Constant Voltage design (CV Mode)
2. Universal AC input
3. Suitable for indoor class I, II, III lighting applications
4. Conform with IP20 rating
5. Withstand 300VAC surge input for 5 seconds
6. Built-in Protections: Short circuit/Overload
7. Cooling by free air convection
8. 100% full load burn-in test
9. High performance

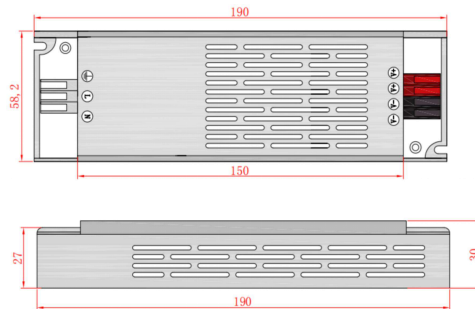
This certification icon is in progress, and the final product shall prevail



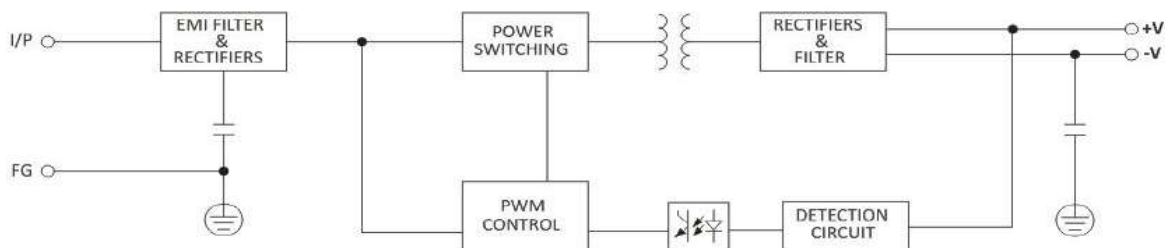
| Model No.:                     |                           | PV-200-12L  | PV-200-24L |
|--------------------------------|---------------------------|---|------------|
| Output                         | Rated Output Voltage      | 12V   | 24V        |
|                                | Output current Range      | 0-16.7A   | 0-8.33A    |
|                                | Rated Output Power        | 200W  |            |
|                                | Output Voltage Precision  | ±3%   |            |
|                                | Output Ripple and Noise   | < 240mVP-P  | 480mVP-P   |
|                                | Load Regulation           | ±2%   |            |
|                                | Start/Rise Time           | < 1000ms/230VAC   |            |
|                                | Retention Time            | 20ms/230VAC   |            |
| Input                          | Input Voltage Range       | 170-264VAC  |            |
|                                | Input Frequency Range     | 50-60HZ   |            |
|                                | Power Efficiency          | ≥88%  | ≥88%       |
|                                | Leak Current              | < 0.7mA/230VAC  |            |
| Protection                     | Overload Protection       | When the load current exceeds 110-150% of the output current, the power supply will enter protection state. Protection Mode: Hiccup Mode.   |            |
|                                | Short Circuit Protection  | The protection mode is hiccup mode, when the short-circuit fault is removed for 3 seconds, the power supply will automatically resume work. |            |
| Working Environment Protection | Working Temperature       | -25°C~50°C(Pls refer to "Derating Curve")   |            |
|                                | Storage Temperature       | -40°C~70°C  |            |
|                                | Ingress Protection Rating | 90%RH non condensing, refer to IP20   |            |
|                                | Shockproof Character      | 10-500HZ,2G 10min/1cycle,preiod for 60min,each along X,Y,Z axes   |            |
|                                | Temperature Coefficient   | ±0.03%/°C (0-50°C)  |            |
| Security Features              | Security Standard         | IEC 61347-2-13 2014+A1 IEC 61347-1 2015+A1  |            |
|                                | Withstand Voltage         | I/P-O/P:3.75KVAC,I/P-FG:2KVAC,O/P-FG:1.5KVAC  |            |
|                                | Insulation Resistance     | I/P-O/P:> 100M Ohms/500VDC/25°C/70% RH  |            |
| Others                         | EMC                       | EN55032:2015 EN55024:2010+A1 EN 61000-3-2:2014 EN 61000-3-3:2013  |            |
|                                | Outter Size               | 190*58.2*30mm(L*W*H)  |            |
|                                | Weight/PCS                | 370g  |            |

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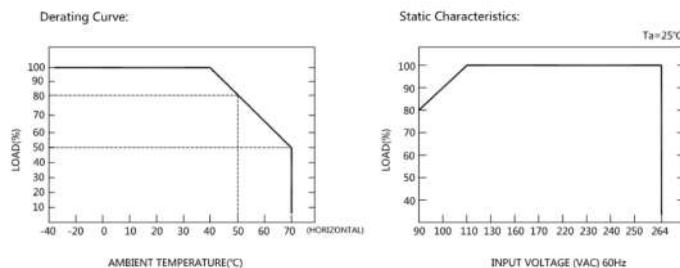
### Outer Size (mm):



### Wiring Diagram:



### Graph:



### Packaging Specification:

1. Unit Packing: 30PCS
2. Carton size: 37.5\*21.5\*21cm
3. G.W./CTN: 13KG

### Note:

1. Load short circuit and overload will cause power protection and cause the power supply to not work normally.
2. The connection line between the power supply and the load should be as short as possible. Too long or too thin connection line will cause voltage drop on the line, and too thin connection line will easily cause hidden dangers in safety.
3. Please install the power supply in a well-ventilated place to ensure good ventilation and heat dissipation of the power supply.
4. Live wiring is prohibited. After checking and confirming that the wiring is correct, check that there is no short circuit, and then turn on the power again.