

## LED Cabinet Power Supply

### Features :

1. Constant Voltage design ( CV Mode )
2. Universal AC input
3. Conform with IP33 rating.
4. Withstand 300VAC surge input for 5 seconds
5. Built-in Protections: Short circuit/Overload
6. Cooling by free air convection
7. 100% full load burn-in test
8. High performance



## Specification

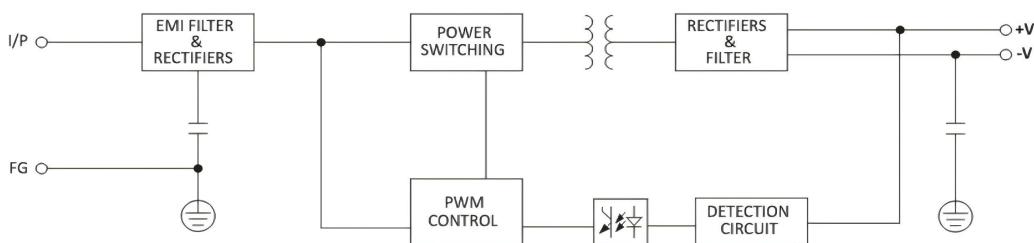


Model No. :		PV-12100P-S	PV-24100P-S
Output	Rated Output Voltage	12V	24V
	Output current Range	0-6.25A	0-3.125A
	Rated Output Power	75W ( If AC 170-264V , 100W)	
	Output Voltage Precision	±3%	
	Output Ripple and Noise	< 240mVP-P	480mVP-P
	Load Regulation	±2%	
	Start/Rise Time	<1000ms/230VAC	
	Retention Time	20ms/230VAC	
Input	Input Voltage Range	100-264VAC	
	Input Frequency Range	50-60HZ	
	Power Efficiency	>88%	
	Leak Current	< 3mA/230VAC	
Protection	Overload Protection	When the load current exceeds 110-140% of the output current, the power supply will enter protection state. Protection Mode: Hiccup Mode.	
	Short Circuit Protection	Protection mode: hiccup mode. When the short-circuit fault is removed, the power supply will automatically resume work.	
Working Environment Protection	Working Temperature	-25 ~ 40 (Pls refer to "Derating Curve")	
	Storage Temperature	-40 ~ 80	
	Ingress Protection Rating	90%RH non condensing, refer to IP33	
	Shockproof Character	10-500HZ,2G 10min/1cycle,preiod for 60min,each along X,Y,Z axes	
	Temperature Coefficient	±0.03% (0-50 )	
Security Features	Security Standard	IEC 61347-2-13 2014+A1 IEC 61347-1 2015+A1	
	Withstand Voltage	I/P-O/P:2KVAC,I/P-FG:500VAC	
	Insulation Resistance	I/P-O/P:>100M Ohms/500VDC/25 /70% RH	
	EMC	EN55032:2015 EN55024:2010+A1 EN 61000-3-2:2014 EN 61000-3-3:2013	
Others	MTBF	313.3KHours (25 )	
	Outer Size	200*60*20mm(L*W*H)	
	Weight/PCS	210g	

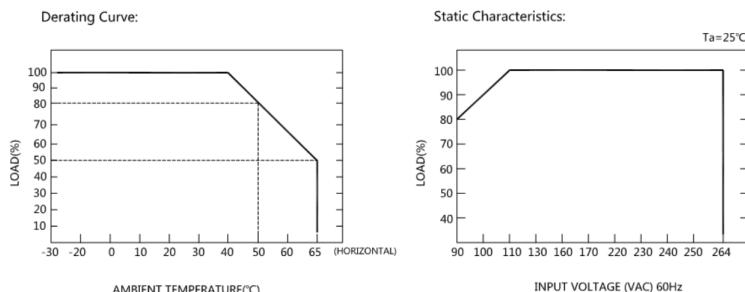
## Outer Size (mm) :



## Electrical Schematic Diagram:



## Graph:



## Packaging Specification :

1. Unit Packing : 60 PCS ;
2. Carton size : 45\*26.5\*25.5cm ;
3. G.W./CTN : 14.5KG ;

## Note :

1. Short circuit or overload of the load will cause power protection and may cause the power supply not working properly.
2. The connecting line between the power supply and load should be as short as possible. A too long or too thin connecting line will cause a voltage drop on the line. A too thin connecting line may easily cause safety hazards.
3. Please install the power supply in a well-ventilated place to ensure that the power supply has good ventilation and heat dissipation.
4. Live wiring is prohibited. Ensure wire connection is correct, check that there's no short circuit, and then turn on the power again.