

## Product Features

- Input: 110~240VAC, 50/60Hz
- High efficiency and high reliability
- Small size, high power density
- Wide operating temperature range
- Output protection: overcurrent protection / short-circuit protection

## Specification Parameters

Category	Parameter	DC-12-4	DC-15-3	DC-24-2	DC-36-1A3	DC-48-1
Product Name	-	DC-12-4	DC-15-3	DC-24-2	DC-36-1A3	DC-48-1
Output	DC Rated Voltage	DC12V	DC15V	DC24V	DC36V	DC48V
	Output Voltage Range (V)	11.4~12.6	14.2 5~15 .75	22. 8~2 5.2	34. 2~3 7.8	45. 6~5 0.4
	Rated Output Current	4A	3A	2A	1.3 A	1A

Category	Parameter	DC-12-4	DC-15-3	DC-24-2	DC-36-1A3	DC-48-1
	Output Current Range	0~4A	0~3A	0~2A	0~1.2A	0~1A
	Output Ripple & Noise	<200mV	<200mV	<200mV	<200mV	<200mV
	Power Voltage Regulation	Fixed voltage output				
	Output Startup Time	<2.0S (220Vac input, full load)				
	Output Hold Time	<10ms (220Vac input, full load)				
	Temperature Coefficient	±0.03%/°C				

Category	Parameter	DC-12-4	DC-15-3	DC-24-2	DC-36-1A3	DC-48-1
Input	nt					
	Voltage Overshoot	<5.0%				
	Input Voltage Range	110~240VAC				
	Frequency Range	47~63Hz				
	Typical Efficiency (220Vac)	83%	84%	86%	88%	90%
Prote	Max Input Current	≤1.7A@220V/50/60Hz				
	Startup Inrush Current	30A/230Vac				
	Overcurr	105~150%				

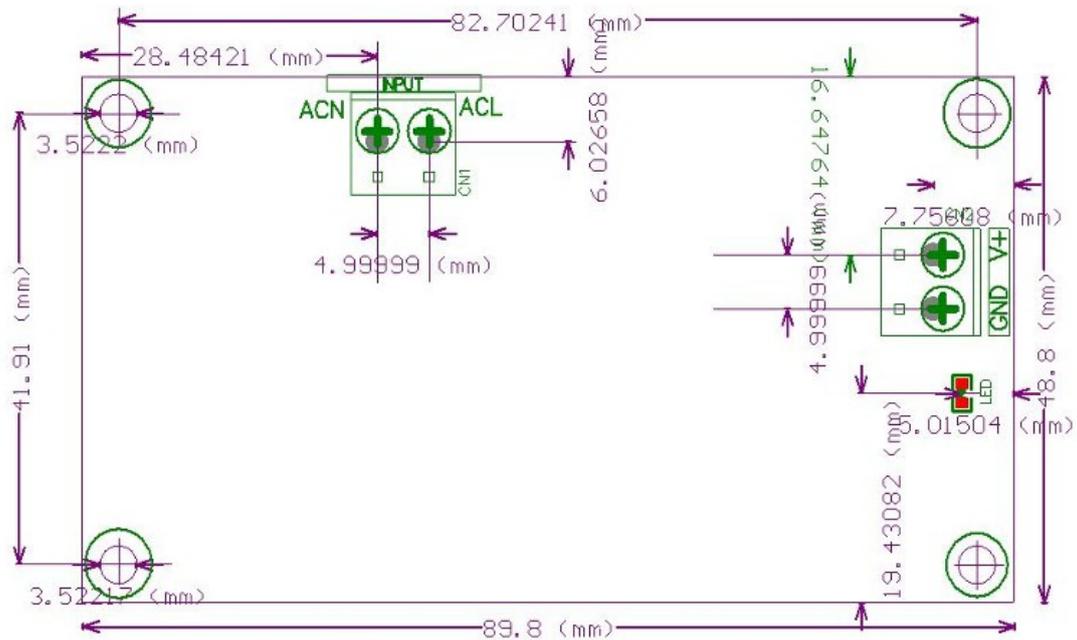
Category	Parameter	DC-12-4	DC-15-3	DC-24-2	DC-36-1A3	DC-48-1
Protection	Output Protection	of rated output current; oscillation: self-recoverable				
	Short-Circuit Protection	Long-term short-circuit allowed; self-recoverable after short-circuit is removed				
Environment	Operating Temp/Humidity	0~55°C, 20%~90%RH				

Category	Parameter	Specification
Safety	Insulation Strength	Input-Output: 2kVac/≤10mA

Category	Parameter	DC-12-4	DC-15-3	DC-24-2	DC-36-1A3	DC-48-1
Packaging	Insulation Resistance	≥100MΩ				
	Leakage Current	Input-Output: ≤0.5mA				
	Dimensions (LWH)	Carton: 470425195 (mm)				
	Packaging Quantity	120PCS/carton				
	Weight	Kg/carton				
Others	Cooling Method	Natural radiation & air cooling				

**Notes**

1. Unless otherwise specified, all specification parameters are measured under rated input, rated load, and 25°C ambient temperature conditions.
2. The power supply will be installed as a component in the final equipment. For inductive loads, please select appropriately according to the actual application scenario.

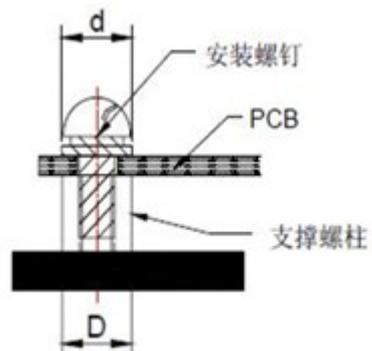


### Installation Precautions

1. Dimension unit (as marked): mm;
2. Avoid PCB deformation when picking, placing or installing;
3. When installing, keep a distance of at least 4mm from the top/bottom/side of the module. If this requirement cannot be met, use insulating sheets to ensure proper insulation;
4. Torque for mounting screws: maximum 6.0Kgf.cm;
5. Terminal lead definition:

#### DC Output (DC)

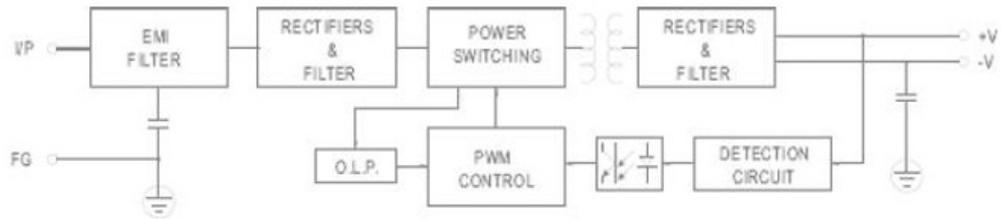
Port	Label	Description
CN2	DC---- +	DC Positive Pole
CN2	DC---- -	DC Negative Pole



## 交流输入INPUT

CN1	ACL	
CN1	CAN	

Application circuit diagram



Reduction usage curve

