



尺寸：235×120×56mm

Features:

Rated voltage mode power supply 180 ~ 264 VAC exchange input

Small volume, light weight, high efficiency

Protection characteristics: short circuit, overload, pressure, temperature

Air cooling

Meet the IP67 level

100% full load and machine test

2 years quality assurance

Electrical specifications

IP67 CE

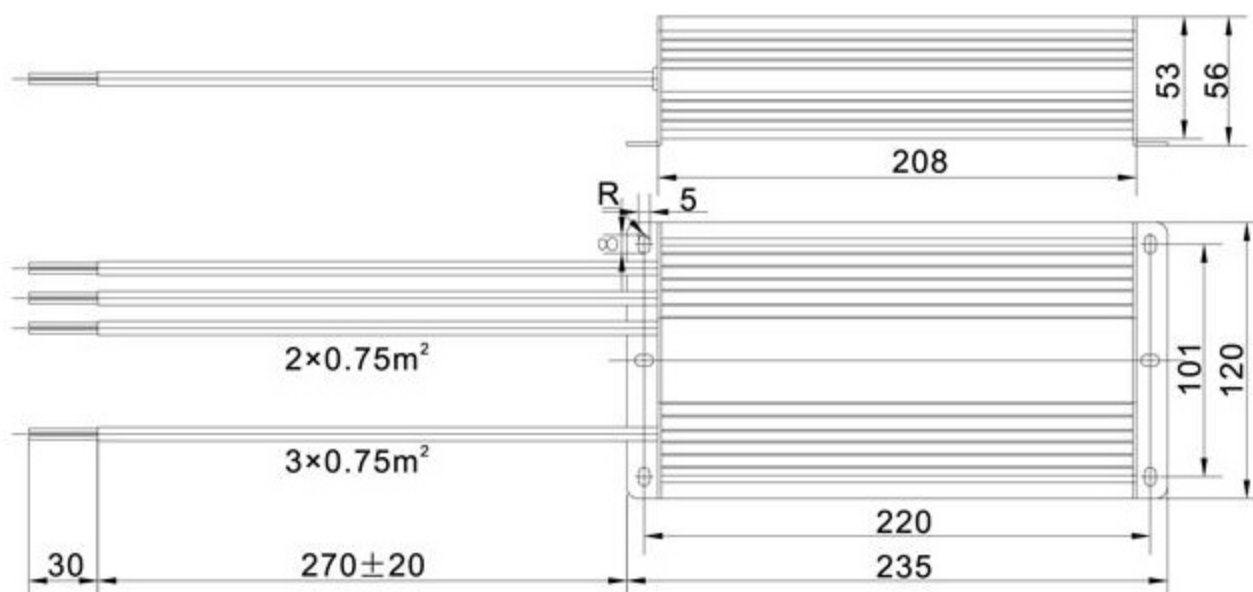
model		LPV-200-12	LPV-200-24	LPV-200-36
output	Dc output voltage	12V	24V	36V
	Output voltage tolerance	±1%	±1%	±1%
	Rated output current	16.5A	8.3A	5.5A
	Output current range	0-16.5A	0-9.3A	0-5.5A
	Output power	198W	199W	198W
	Ripple and the noise	150mVp-p	200mVp-p	200mVp-p
	Start, up, and keep time	200ms,20ms,30ms/230VAC		
iutput	Input voltage range	170~264VAC 47~63Hz,235~373VDC		
	Exchange input current	2.5A/230VAC		
	efficiency	80%	82%	84%
	Impulse current	Cold start current 50A/230VAC		
	Leakage current	<3.5mA/240VAC		
Protection characteristics	Overload protection	Rated output power of 115% ~ 135% start over load protection		
		Protection way: cut output, the power supply after the restart can be restored		
	Thermal protection	Shell temperature 85 °C frequency, start thermal protection		
		Protection way: cut output, the temperature is returning to normal after can be automatically restored		
environment	Working temperature, humidity	-10°C~~+60°C;20%~90%RH(please refer to reduce the specified number load curve)		
	Keep temperature, humidity	-20°C~~+85°C;10%~95%RHNo condensation		
	Vibrate resistance	10 ~ 500 Hz, 2 G 10 min. / 1 cycle, duration 60 minutes, the axis		
security	Compression sex	Between input and output: 1.5 KVAC input and the earth: 1.5 KVAC output and the ground: 0.5 KVAC		
	Insulation resistance	Between input and output: input and the earth, the output and the earth: 100 M Ohms / 500 VDC		
Conform to the standards	Safety standards	Accord with UL1012 IP67		
	EMC standards	Accord with EN55022,CLASSA		
other	weight	2.8kg 235*120*56mm (L*W*H)		
	packaging	2.8kg/9pcs/26.5kg		

Note: 1. All the parameters in has not specified, all is in 230 VAC voltage input, rated load and 25 °C conditions measuring income value.

2. Ripple and noise voltage is in 20 MHz bandwidth oscilloscope take 12 inches double lines end with 0.1 mu and 47 u when capacitance measurement.

3. Tolerance is voltage setting error, the voltage adjustment rate and the current adjust rate combined.

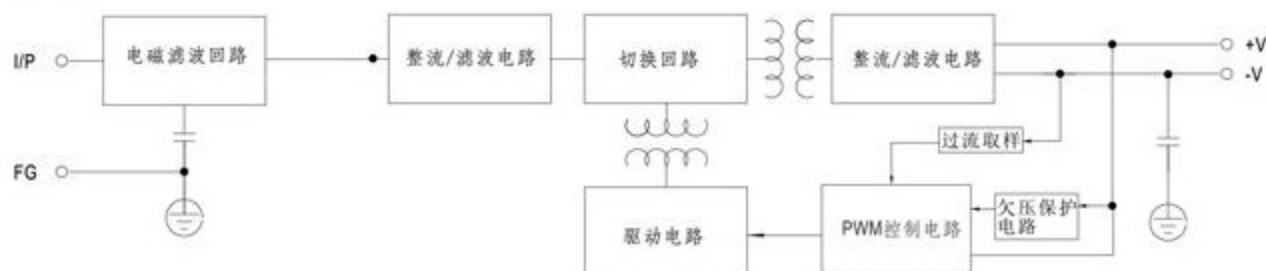
机构尺寸 单位:mm



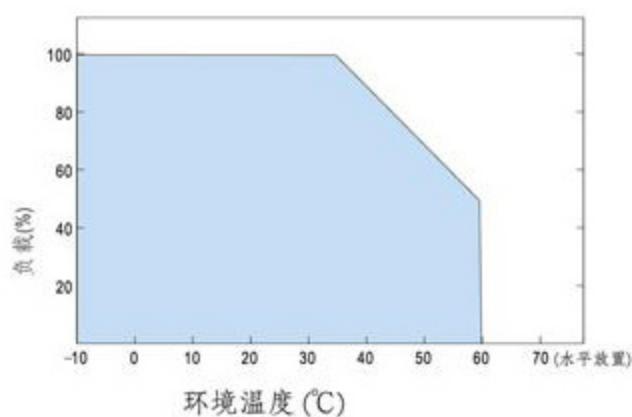
引出线分配表

输入端 (黑色三芯)		输出端 (白色二芯)	
棕色	AC/L	红色	DC OUTPUT +V
蓝色	AC/N	黑色	DC OUTPUT -V
黄绿	FG $\perp$		

原理图



负载减额曲线



静态特性曲线

