



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

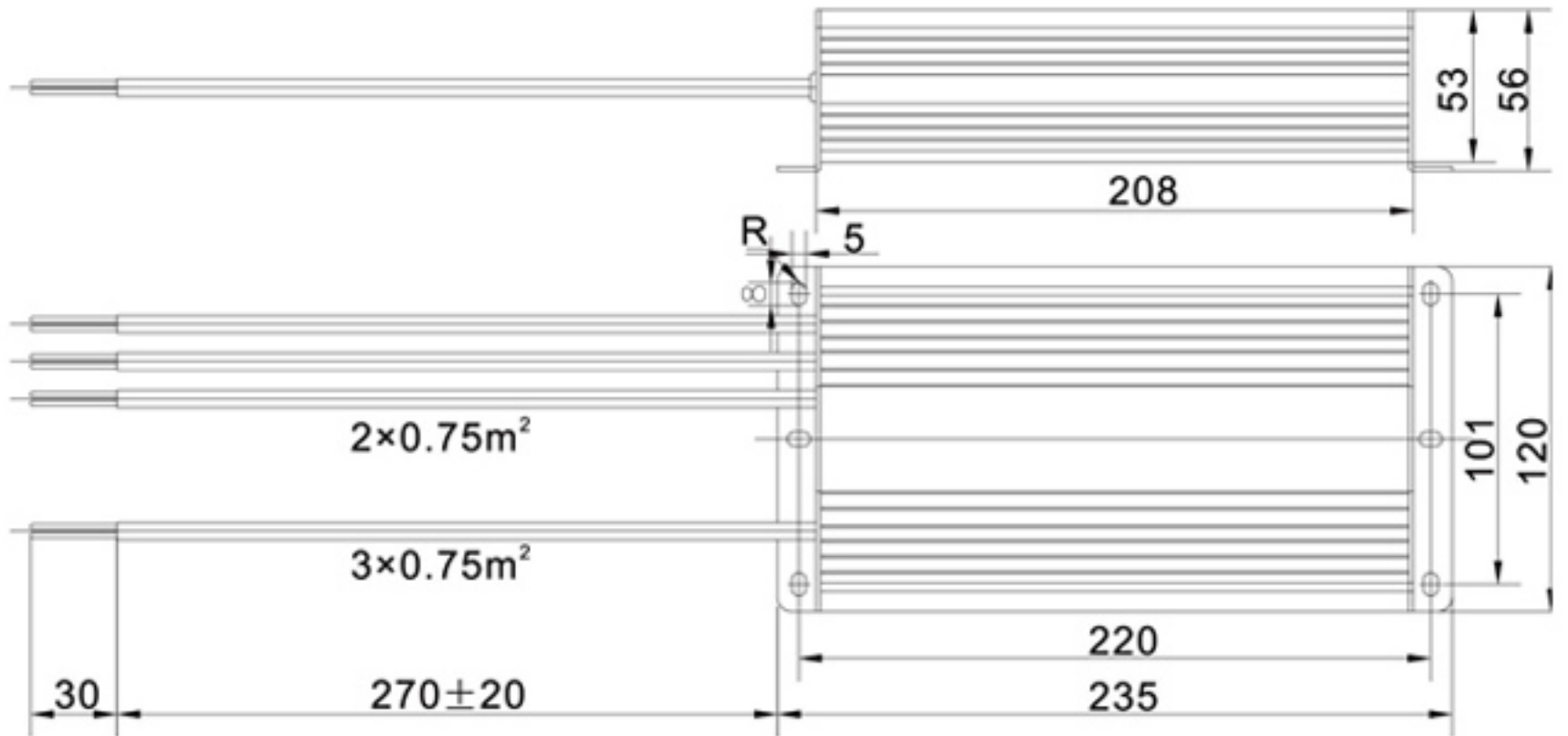
model		LPV-250-12	LPV-250-24	LPV-250-36
output	Dc output voltage	12V	24V	36V
	Output voltage tolerance	±1%	±1%	±1%
	Rated output current	20A	10A	7A
	Output current range	0-20A	0-10A	0-7A
	Output power	240W	240W	252W
	Ripple and the noise	150mVp-p	200mVp-p	200mVp-p
	Start, up, and keep time	800ms,30ms,24ms/230VAC		
iutput	Input voltage range	180~264VAC 47~63Hz，255~373VDC		
	Exchange input current	2.8A/230VAC		
	efficiency	82%	84%	85%
	Impulse current	Cold start current 50A/230VAC		
	Leakage current	<3.5mA/240VAC		
Protection characteristics	Overload protection	Rated output power of 105% ~ 135% start over load protection		
		Protection way: play the mode, the load abnormal conditions can be removed to recover		
	Over-voltage protection	6.2~7.5V	15~17V	15~17V
		Protection way: hiccups mode, abnormal conditions can be removed to recover		
	Thermal protection	Shell temperature 85 ℃ frequency, start thermal protection		
		Protection way: cut output, the temperature is returning to normal after can be automatically restored		
environment	Working temperature, humidity	-10℃~+60℃;20%~90%RH(please refer to reduce the specified number load curve)		
	Keep temperature, humidity	-20℃~+85℃;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 ℃ 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.

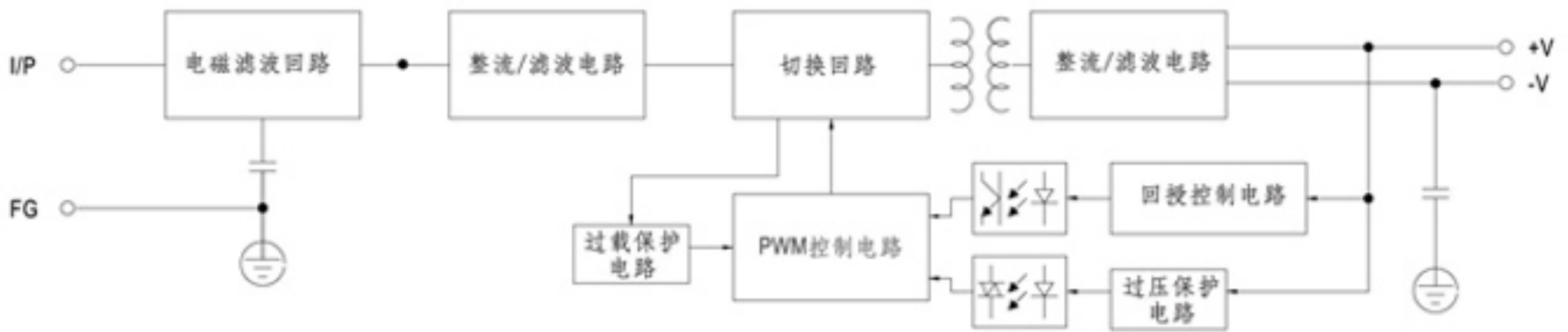
■ 机构尺寸 单位:mm



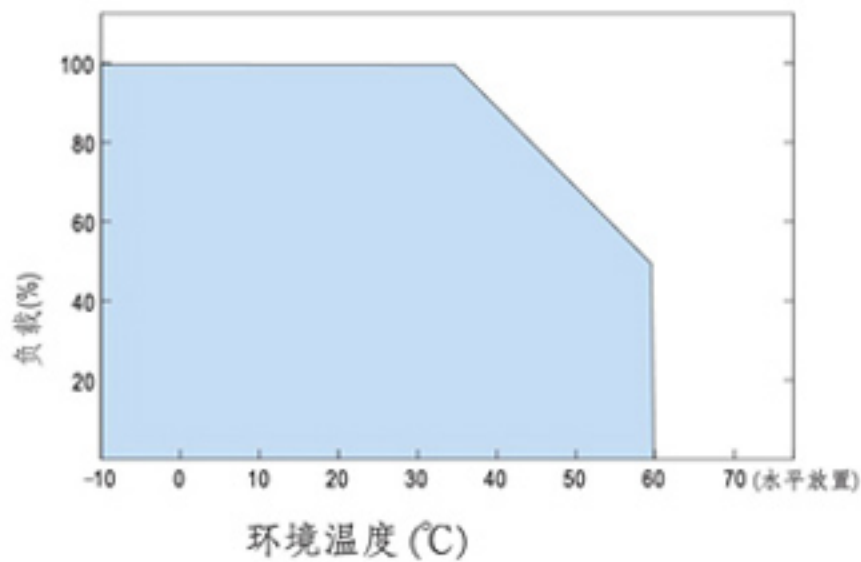
引出线分配表

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		

■ 原理图



■ 负载减额曲线



■ 静态特性曲线

