



尺寸：222×30×20mm

Features:

- Rated voltage mode power supply
- 170 ~ 264 VAC input range
- 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

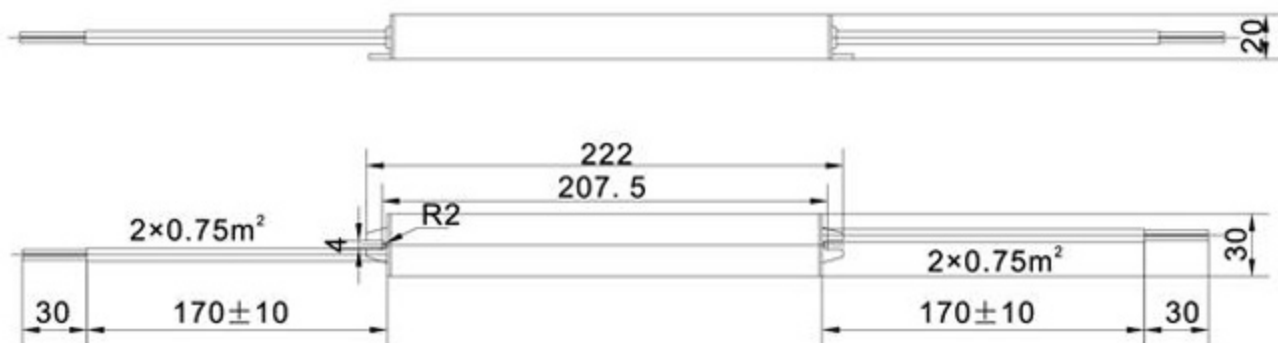
Type		LPV-30-12	LPV-30-24	LPV-30-36
Output	Dc output voltage	12V	24V	36V
	Output voltage tolerance	±1%	±1%	±1%
	Rated output current	2.5A	1.3A	0.8A
	Output current range	0-2.5A	0-1.3A	0-0.8A
	Output power	30W	31W	29W
	Ripple and the noise	100mVp-p	100mVp-p	150mVp-p
	Start, up, and keep time	800ms,20ms,24ms/230VAC		
Input	Input voltage range	170~264VAC 47~63Hz 235~373VDC		
	Exchange input current	0.42A/230VAC		
	Efficiency	78%	80%	82%
	Impulse current	Cold start current 30A/230VAC		
	Leakage current	<0.5mA/240VAC		
Protection characteristics	Overload protection	Rated output power of 105% ~ 135% start over load protection Protection way: hiccups mode, load abnormal conditions can be removed to recover		
	Over-voltage protection	The output voltage of 135% ~ 150% Protection way: hiccups mode, abnormal conditions can be removed to recover		
	Thermal protection	Internal contacts transistor temperature more than 150 °C, 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%RH No condensation		
	Vibrate resistance	10~500Hz, 2G 10min./Cycle, duration 60 minutes, the axis		
Security	Compression sex	Input/output between: 1.5KVAC		
	Insulation resistance	Input/output between: 100M Ohms/500VDC		
Conform to the standards	Safety standards	Accord with UL1012 IP67		
	EMC standards	Accord with EN55022, CLASS A		
Other	Weight	0.25kg 222*30*20mm (L*W*H)		
	Packaging	0.25kg/80pcs/21kg		

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 0.1μ and 47μ 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

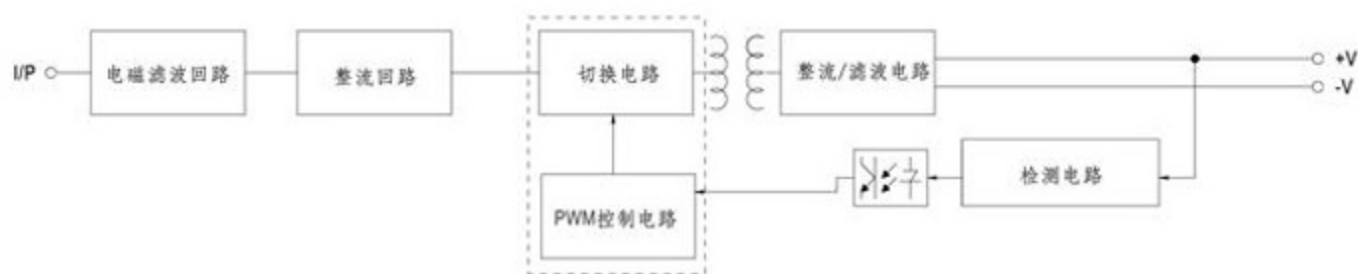


引出线分配表

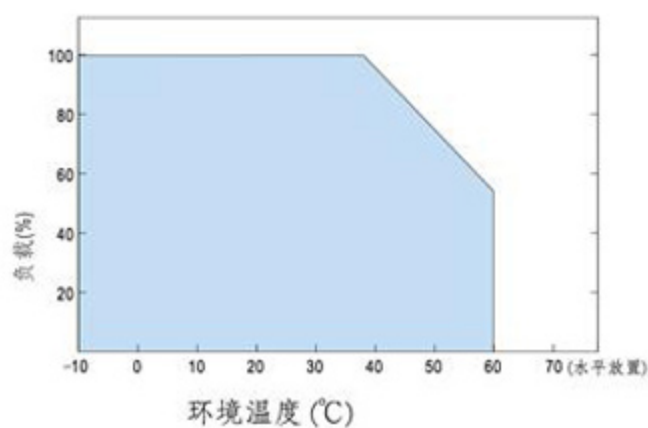
输入端 (黑色二芯)		输出端 (白色二芯)	
棕色	AC/L	红色	DC OUTPUT +V
蓝色	AC/N	黑色	DC OUTPUT -V

■ 方框图

频率: 60KHz



■ 负载减额曲线



■ 静态特性曲线

