



尺寸：180×69×43mm

- Features:
- Rated voltage mode power supply
 - General international exchange full scope of the input voltage
 - 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-100-12	LPV-100-24	LPV-100-36
Output	Dc output voltage	12V	24V	36V
	Output voltage tolerance	±1%	±1%	±1%
	Rated output current	8.3A	4.2A	2.8A
	Output current range	0-8.3A	0-4.2A	0-2.8A
	Output power	100W	100W	100W
	Ripple and the noise	100mVp-p	100mVp-p	100mVp-p
	Start, up, and keep time	600ms,20ms,24ms/230VAC.1000ms,30ms,20ms/115VAC		
Input	Input voltage range	90~264VAC 47~63Hz , 126~373VDC		
	Exchange input current	2A/115VAC 1A/230VAC		
	Efficiency	80%	82%	84%
	Impulse current	Cold start current 35A/230VAC		
	Leakage current	<1mA/240VAC		
Protection characteristics	Overload protection	Rated output power of 115% ~ 135% start over load protection		
		Protection way: hiccups mode, load abnormal conditions can be removed to recover		
	Over-voltage protection	15~17V	30~32V	42~44V
		Protection way: hiccups mode, abnormal conditions can be removed to recover		
	Thermal protection	Shell temperature ≥85℃ , 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%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 0hms/500VDC		
Conform to the standards	Safety standards	Accord with UL1012 IP67		
	EMC standards	Accord with EN55022,CLASSA		
Other	Weight	0.9kg 180*69*43mm (L*W*H)		
	Packaging	0.9kg/20pcs/19kg/0.9CUFT		

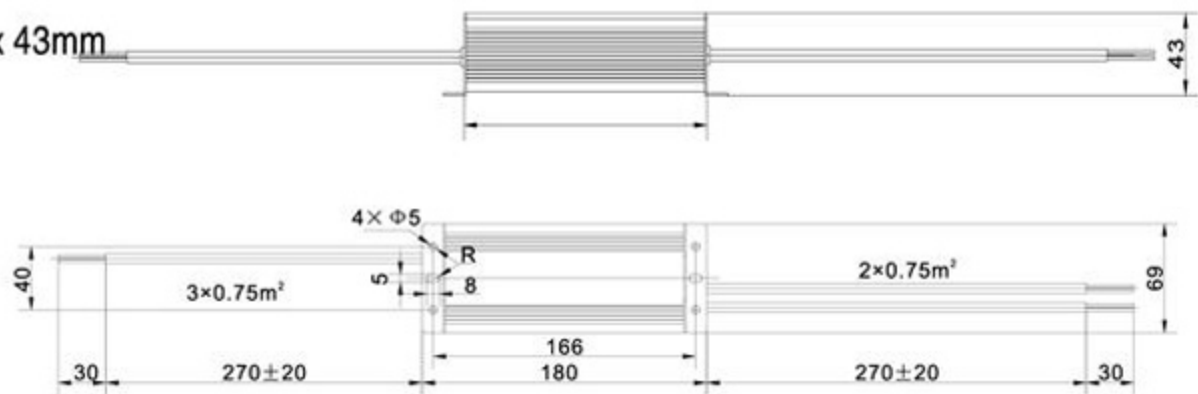
Note: 1. All the parameters in has not specified, all is in 230 VAC voltage input, rated load and 25 °C conditions measuring income value.

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

180 x 69 x 43mm

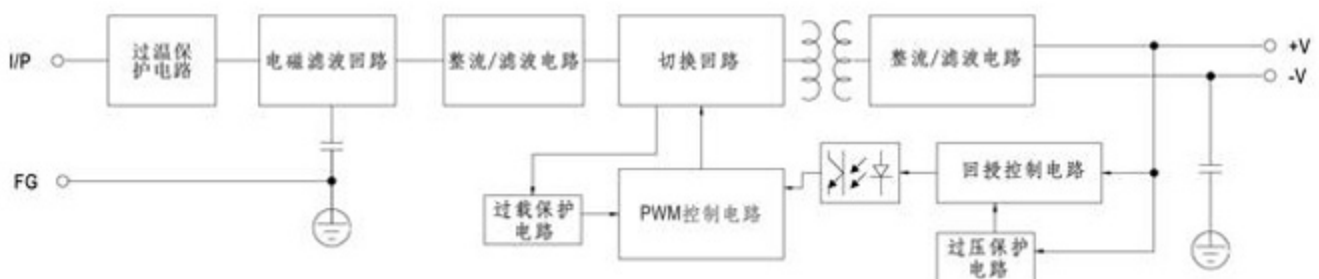


引出线分配表

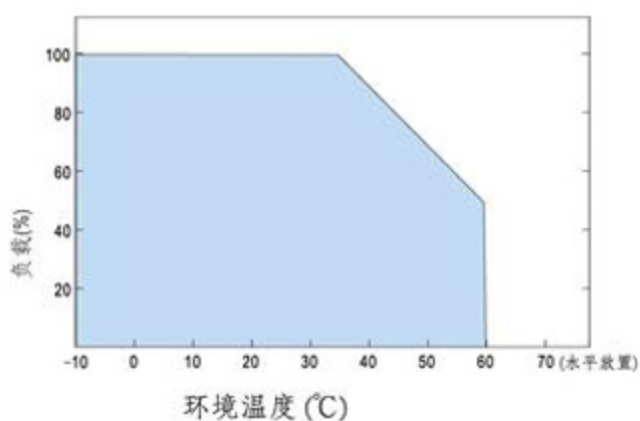
输入端 (黑色三芯)		输出端 (白色二芯)	
棕色	AC/L	红色	DC OUTPUT +V
蓝色	AC/N	黑色	DC OUTPUT -V
黄绿	FG		外壳接大地

■ 原理图

频率: 65KHz



■ 负载减额曲线



■ 静态特性曲线

