



尺寸：97×58×25mm

**Features:**

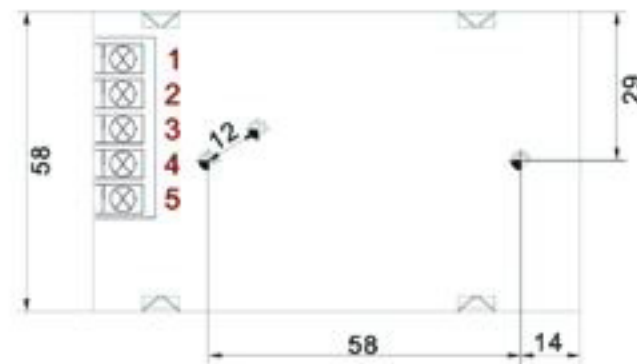
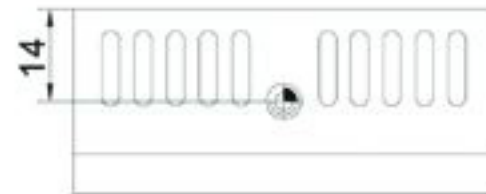
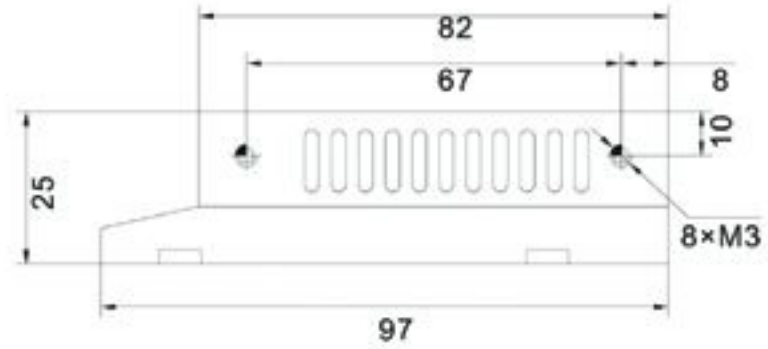
- Full range of international general ac voltage input
- Small volume, light weight, high efficiency
- Protection characteristics: short circuit/overload/pressure/thermal
- Natural air cooled
- Has the boot display (light emitting diode)
- 100% full load and machine test
- one years quality assurance

**Electrical specifications**



Type		SF-20-5	SF-20-12	SF-20-24
Output	Dc output voltage	5V	12V	24V
	Output voltage tolerance	±1%	±1%	±1%
	Rated output current	4.0A	1.7A	0.8A
	Output current range	0-4.0A	0-1.7A	0-0.8A
	Output power	20W	20W	20W
	Ripple and the noise	80mVp-p	120mVp-p	120mVp-p
	Dc voltage adjustable scope	-9%~+10%	±10%	±10%
	Start, up, and keep time	600ms,20ms,24ms/230VAC.1000ms,30ms,20ms/115VAC		
Input	Input voltage range	90~264VAC 47~63Hz, 125~373VDC		
	Exchange input current	0.45A/115VAC 0.25A/230VAC		
	Efficiency	75%	78%	80%
	Impulse current	Cold start current 30A/230VAC		
	Leakage current	<0.50mA/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	125%~150%	125%~150%	125%~150%
	Over-temperature protection	Internal contacts transistor temperature more than 150 °C, start thermal protection Protection way: hiccups mode, when the temperature can be restored after returning to normal		
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./1 cycle, Duration 60 minutes, the axis		
Security	Compression sex	Input/output between: 1.5KVAC Input and ground: 1.5KVAC Output and ground: 0.5KVAC		
	Insulation resistance	Input/output between: Input and the earth, the output and the earth: 100M Ohms/500VDC		
Conform to the standards	Safety standards	Accord with UL1012		
	EMC standards	Accord with EN55022, CLASSA		
Other	Weight	0.11kg 97*58*25 ( L*W*H )		
	Packaging	0.11kg/140pcs/16kg/0.9CUFT		
Note	<p>1. All the parameters in has not specified, all is in 230VAC voltage input, rated load and 25°C conditions measuring income value.</p> <p>2. Ripple and noise voltage is in 20MHz bandwidth with 12 inches oscilloscope twisted pair end and 0.1μand 47μ capacitance measurement when.</p> <p>3. Tolerance is voltage setting error, the voltage adjustment rate and the current adjust rate combined.</p>			

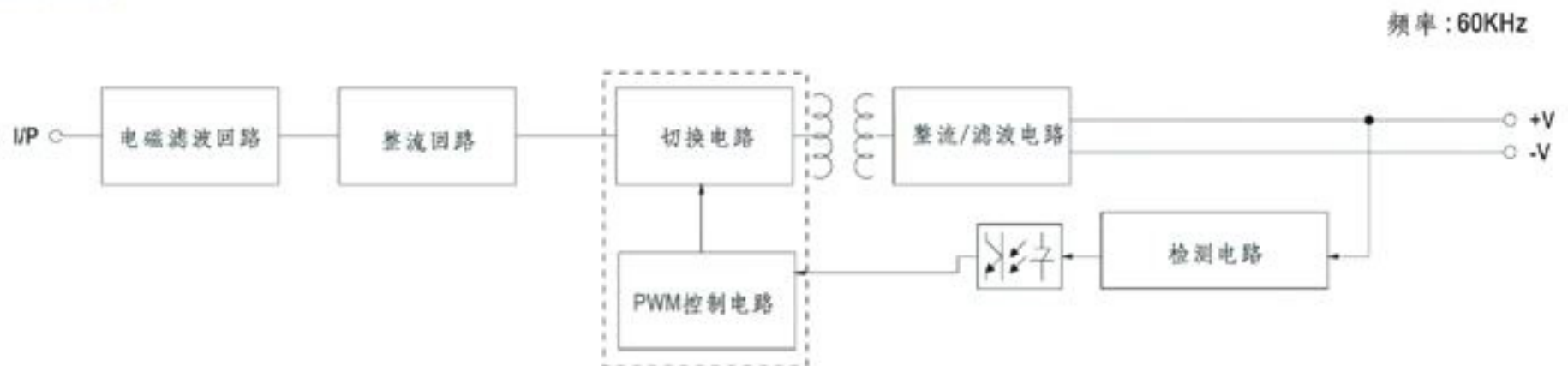
■ 机构尺寸 单位:mm



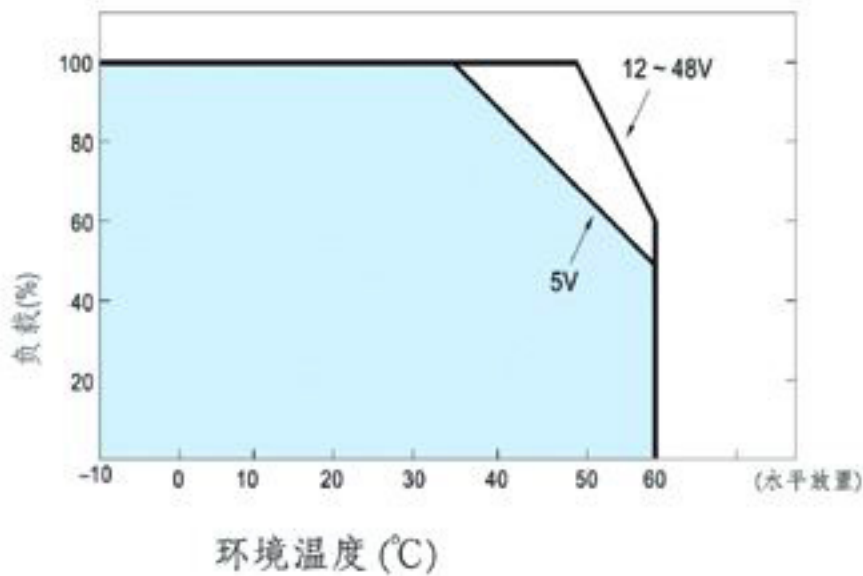
端子Pin脚分配

Pin脚编号	分配	Pin脚编号	分配
1	AC/L	4	DC OUTPUT -V
2	AC/N	5	DC OUTPUT +V
3	FG		

■ 方框图



■ 负载减额曲线



■ 静态特性曲线

