

CE
CE认证产品



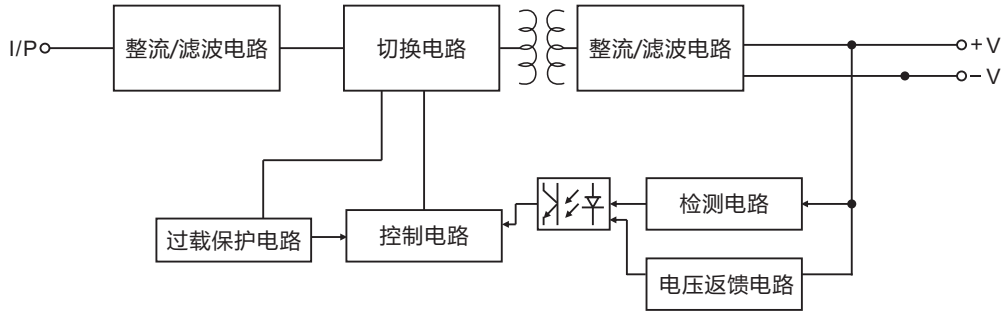
产品特点

- ※ 宽范围输入电压范围
- ※ 有过载、短路、过温保护功能
- ※ 小体积、整体厚度只有17.5mm
- ※ 满载老化测试
- ※ 输出电压精度高, 低输出纹波.
- ※ 符合EMC CLASS-B标准

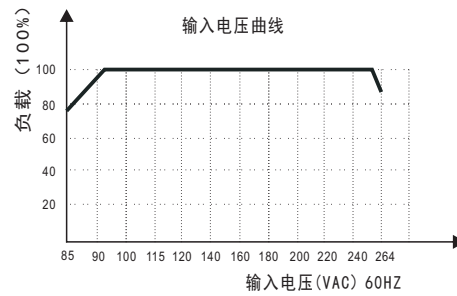
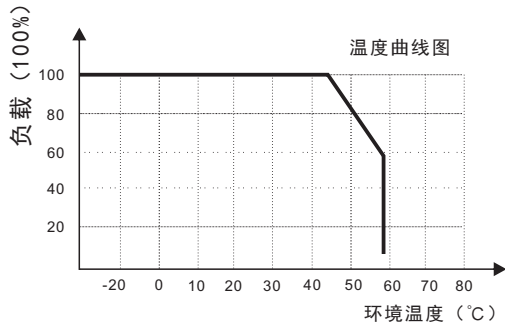
型 号		YS-5S5CE	YS-5S12CE	YS-5S24CE
输出特性	输出电压	5V	12V	24V
	额定电流	1000mA	500mA	250mA
	电流范围	0-1000mA	0-500mA	0-300mA
	纹 波	< 110mVp-p	<100 mVp-p	<100 mVp-p
	输出精度	±2%	±2%	±2%
	电压调整率	±1%	±1%	±1%
	负载调整率	±1%	±1%	±1%
	额定功率	5W	6W	6W
	输出可调范围	不可调		
	建立、上升、保持时间	200ms、50ms、30ms /220VAC		
输入特性	输入电压范围	100~240VAC		
	输入电流	<0.2A (平均电流0.06~0.12A)		
	频率范围	47~63Hz		
	工作频率	60KHZ		
	效率	>78%	>83%	>85%
	启动冲击电流	COLD START <30A/230VAC		
	漏电流	<1mA/220VAC		
保护特性	过功率保护	150~170%额定功率, 故障移除自动恢复		
	过电压保护	DCOUT >150%		
	DC短路保护	电源间歇打隔,排除短路电源恢复		
	过温度保护	电源温升>80 C 关闭输出		
其它功能				
环境参数	工作温度、湿度	-15°C ~ +50°C@100% LOAD, +60°C@60%LOAD:20%-90% RH		
	储藏温度、湿度	-20°C ~ +85 10%-95% RH		
安全及EMC标准	安规标准	MEET Gb4943 EN55022-B		
	耐压	I/P-O/P: 2.5KVAC 1min.		
	绝缘阻抗	I/P-O/P: 500VDC/100M Ohms		
其 它	尺寸(长×宽×高)	51.5×23.4×16.3mm		
	重量	16g		
备 注	1.所有参数在额定电压220VAC输入, 额定负载.环境25°C, 湿度70%条件下测定. 2.精度:包括设定误差.电压调整率,负载调整率. 3.纹波测试:用30cm长绞线连接电源和负载,负载端并0.1uF和47uF电容,以20MH示波器于负载端测得. 4.电压调整率:在额定负载条件下,输入电压从低到高变化测得. 5.负载调整率:被测输出从0%负载到100%负载变化测得. 6.每路都可以输出最大电流,但是总负载之和不能超过最大输出功率.			

方框图

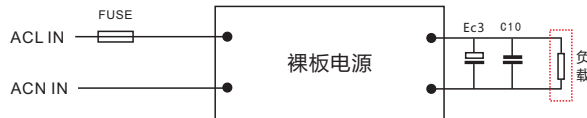
频率：47~63Hz



曲线图

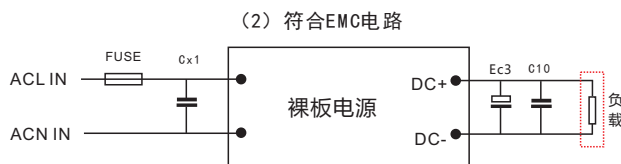


(1) 基本电路



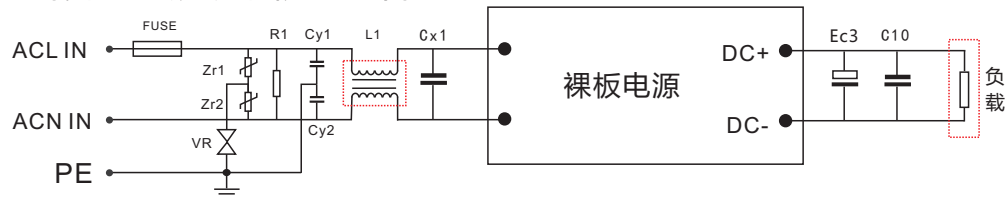
FUSE	Ec3				C10
	out 3.3V	out 5V	out 12V	out 24V	
1A/250VAC	220UF/10V	220UF/10V	220UF/16V	100UF/35V	10nF/50V

(2) 符合EMC电路



FUSE	Cx1	C10	Ec3			
			out 3.3V	out 5V	out 12V	out 24V
1A/250VAC	22nF/275VAC	10nF/50V	220UF/10V	220UF/10V	220UF/16V	100UF/35V

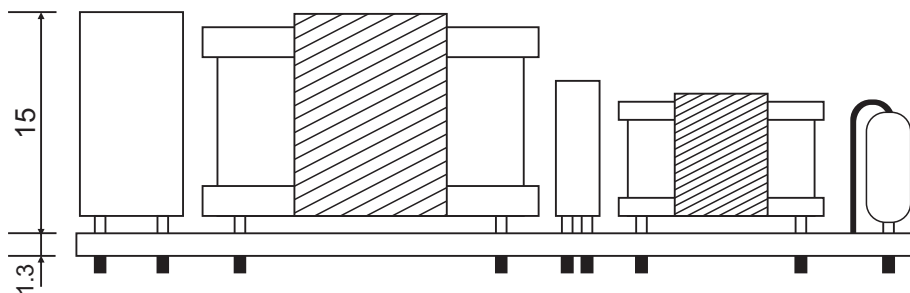
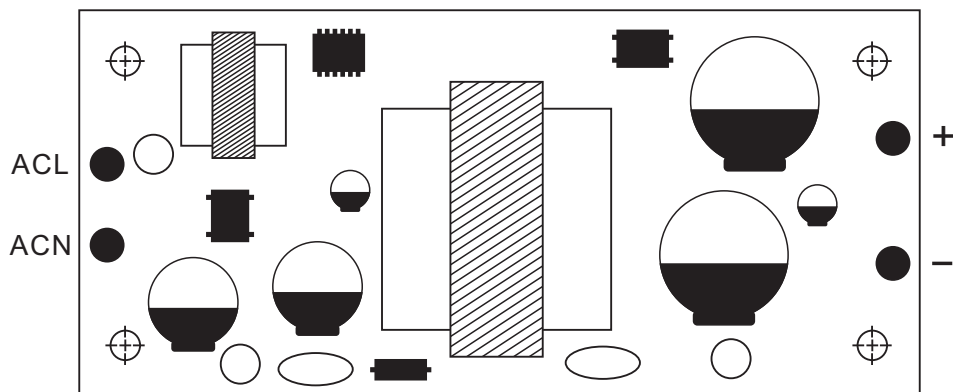
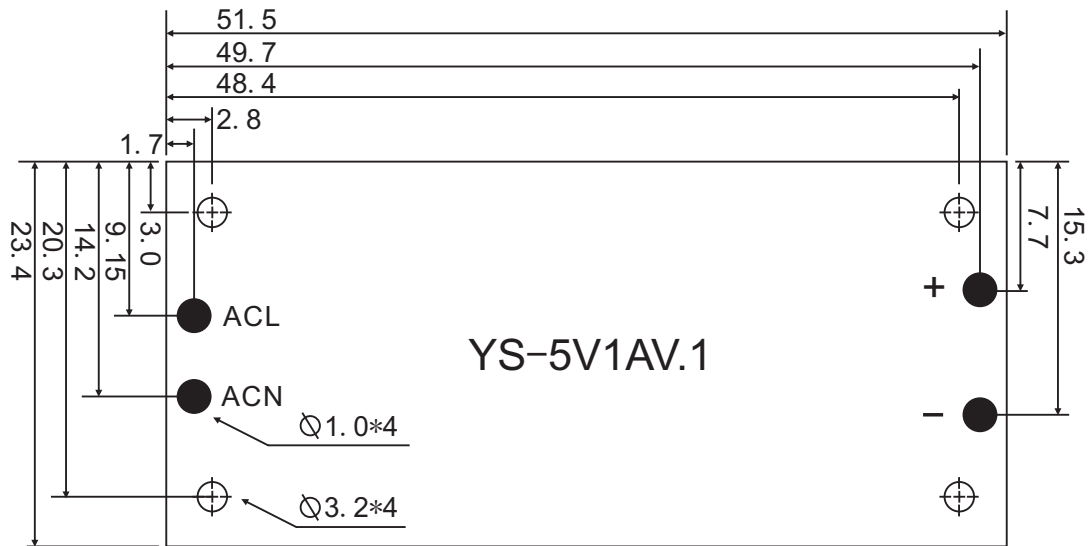
(3) 符合EMC抗浪涌防静电雷



FUSE	Cx1	Cy1	Cy2	R1	Zr1	Zr2	L1	Ec3			
								out 3.3V	out 5V	out 12V	out 24V
1A/250VAC	22nF/275VAC	102/250VAC	102/250VAC	750K/1W	10D471	10D471	20MH	220UF/10V	220UF/10V	220UF/16V	100UF/35V

机构尺寸

单位mm



注: 此图为PCB导出尺寸, 误差为(± 1 mm)详细尺寸请根据实物为准

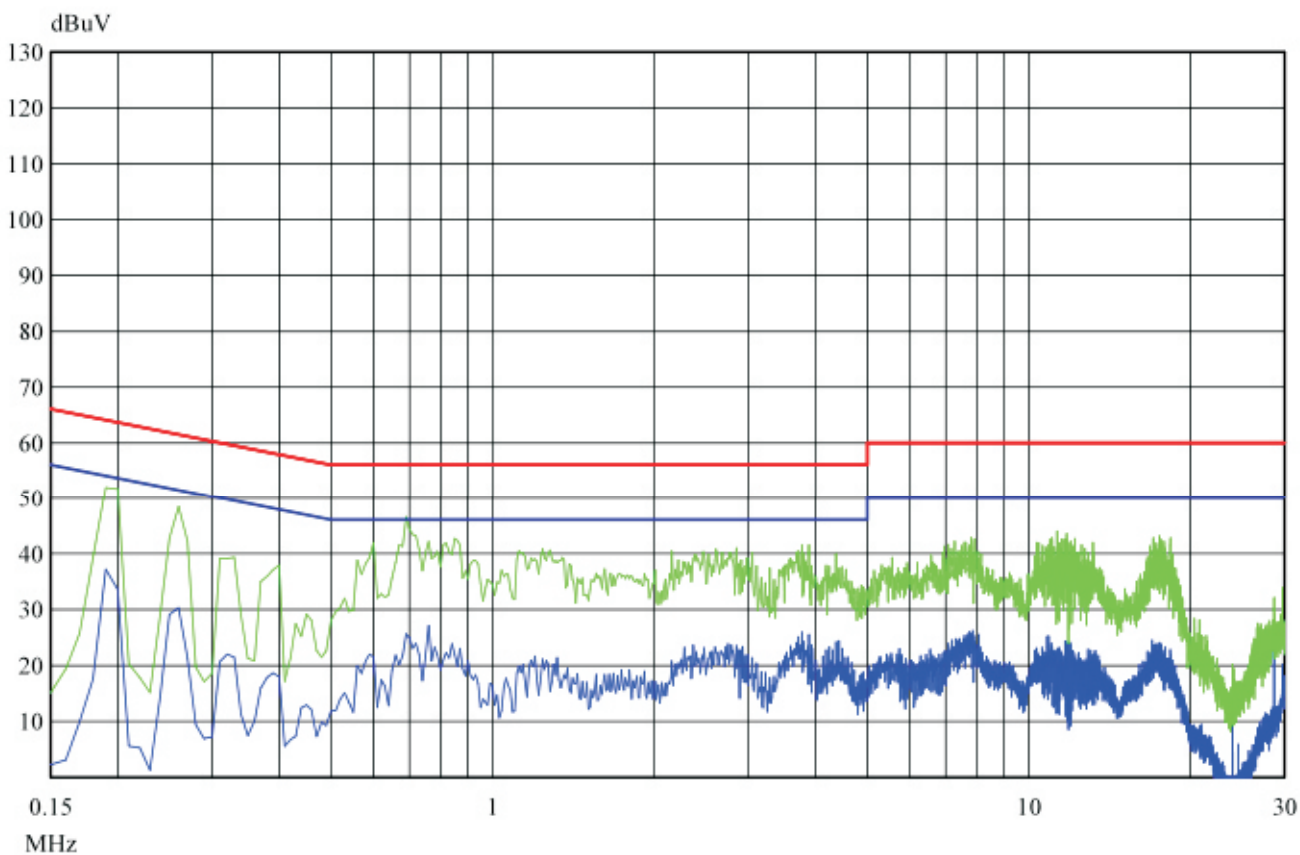


EMC300A EMI Measure Report

EUT: YS5S5-CE(EMC-EN55022-N)
Manuf:
Op Cond:
Operator:
Test Spec: EN55022
Date: 2016-1-12

Scan Settings

Frequencies			Receiver		
Start	Stop	Step	BW	Detector	M-Time
0.15MHz	30.00MHz	10kHz	9kHz	PK--AV	10mS



Comment:

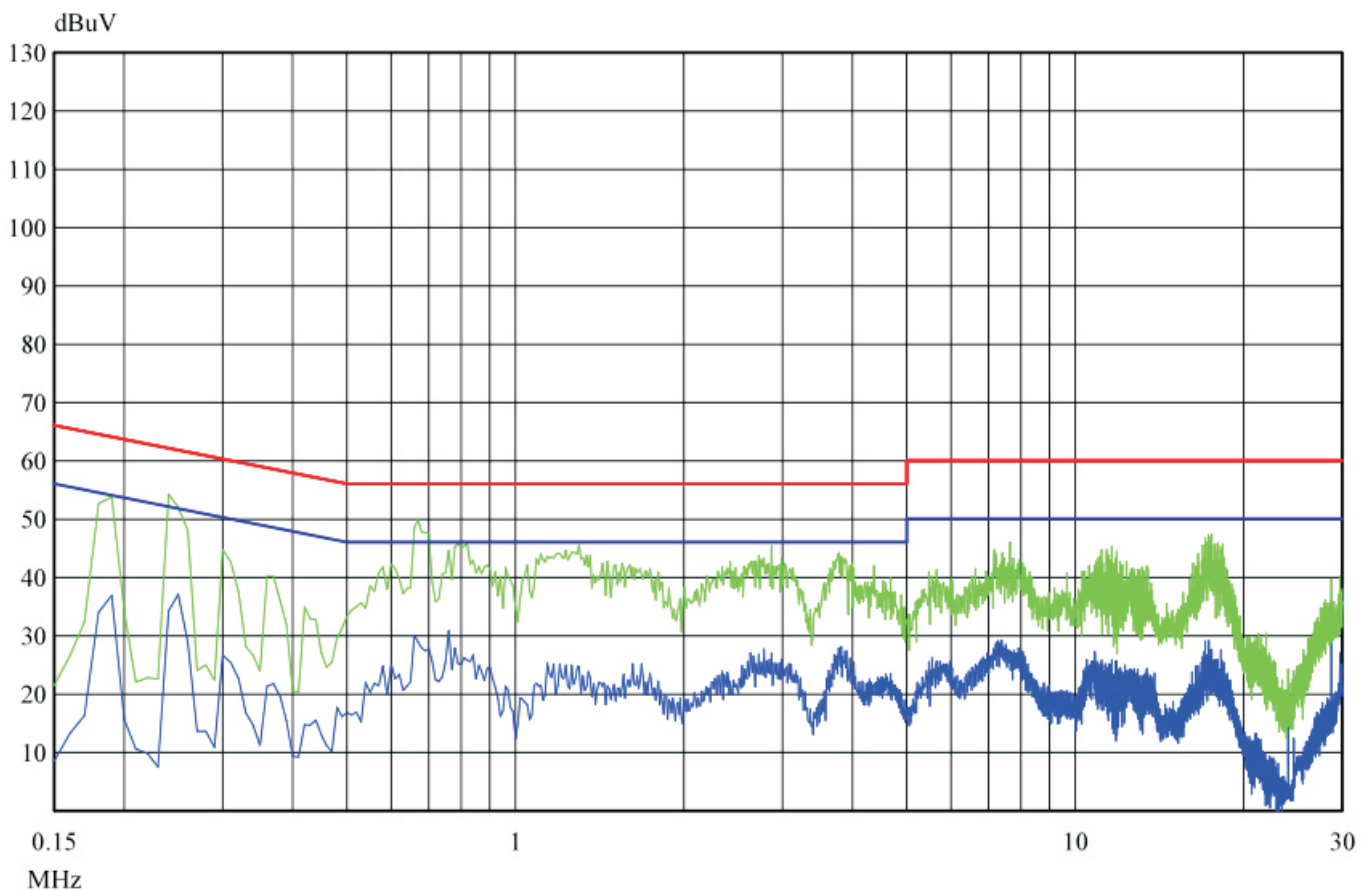


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Manuf:
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Test Spec: EN55022
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Scan Settings

Frequencies			Receiver		
Start	Stop	Step	BW	Detector	M-Time
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Comment: