



MAH Series (200~300W) 宽电压隔离系列

特性 Features

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| ● 宽电压输入范围 | Wide range of input voltage |
| ● 输入宽频噪声滤波 | Broadband noise filter of input |
| ● 输入浪涌电流抑制电路 | Surge suppress circuit of input |
| ● 输出短路保护 | Output short circuit protection |
| ● 快速动态响应 | Fast dynamic response |
| ● 外观设计美观 | Attractive outline design |
| ● 接线端子出线方式 | Terminal connection method |
| ● 符合UL1950、IEC950安全规程 | Comply with UL1950, IEC950 safety regulation |



输入特性 Input Characteristic

电压范围 (Voltage Range)	220VAC (额定值)	176~264VAC
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输出特性 Output Characteristic

电压精度 (Voltage Set-point Accuracy)	Vo1: ±1%	温度系数 (Temperature Coefficient)	±0.01%/°C
电压调整率(主路) (Line Regulation<main>)	±0.2%	电流限制点 (Output Current Limiting)	120%(Typ)
负载调整率(主路) (Load Regulation<main>)	±0.4%	响应速度 (Dynamic Response)	400 μs

一般特性 General Characteristic

工作频率 (Switching Frequency)	160~200 KHz	环境特性(Environmental Characteristics)	
绝缘电阻(Isolation Resistance)	200 MΩ	工作壳温 (Case Temperature)	
MTBF	>500000 H	工业品(Industry)	-25°C ~ +85°C
绝缘强度(Isolation Voltage)		军品I(Military I)	-40°C ~ +85°C
输入-输出(Input-Output)	>1500VAC/1min(漏电流<5mA)	军品II(Military II)	-55°C ~ +85°C
输入-外壳(Input-Case)	>1500VAC/1min(漏电流<5mA)	存储温度(Storage Temperature)	
输出-外壳(Output-Case)	>500VDC/1min	工业品(Industry)	-45°C ~ +105°C
主路-副路(Main-Vice)	>500VDC/1min	军品I(Military I)	-55°C ~ +105°C

型号 Models

型号 Models		输入电压(Vac) Input voltage	输入电压范围(Vac) Input voltage range	输出电压(Vdc) Output voltage	输出电流(A) Output current	纹波(mv) Ripple and noise	效率(Typ) Efficiency
单 路	MAH300-220S5	220	100~240 176~264	5	60	100	84%
	MAH300-220S12			12	25	100	84%
	MAH300-220S24			24	12.5	200	85%
	MAH300-220S48			48	6.25	400	86%

AC-DC 端子式电源模块系列

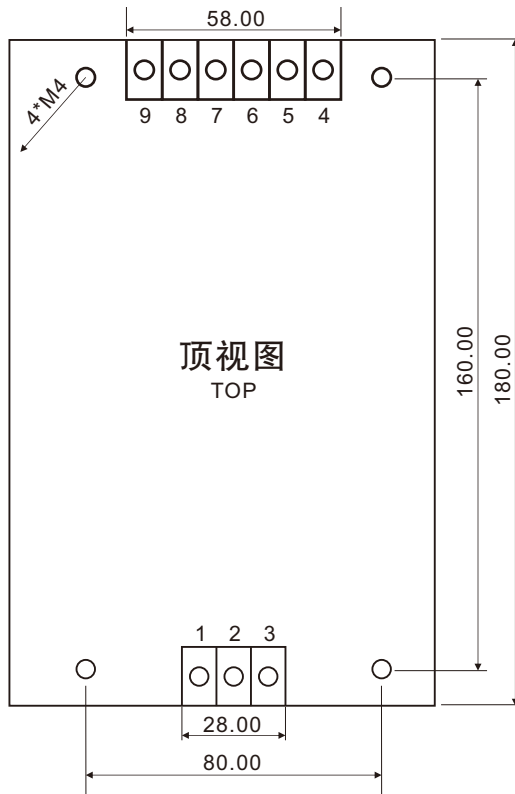
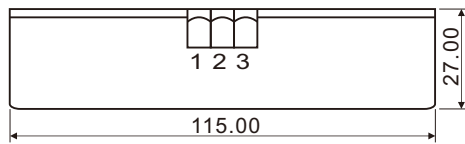
型号 Models		输入电压(Vac) Input voltage	输入电压范围(Vac) Input voltage range	输出电压(Vdc) Output voltage	输出电流(A) Output current	纹波(mv) Ripple and noise	效率(Typ) Efficiency
双路	MAH195-220D05&12	220	176~264	5/12	15/10	50/100	80%
	MAH300-220D12&15			12/15	10/12	100/150	84%
	MAH300-220D24&48			24/48	5/3.75	200/400	84%
	MAH200-220D05&12			5/12	18/9.6	500/100	81%
	MAH200-220D12&24			12/24	8.33/4.16	100/200	82%
	MAH200-220D24&48			24/48	4.16/2.08	200/400	85%
	MAH220-220D12&24			12/24	10/4	100/200	85%
三路	MAH250-220T5&12&24	220	176~264	5/12/24	6/6/6	80/100/200	82%
	MAH250-220T12&24&48			12/24/48	5/4/1.96	100/200/400	85%
	MAH180-220T5&12&24-W	220	85~264	5/12/24	6/2/5	50/100/200	82%

说明：仅列出典型型号，其他型号，请确定功率、输入电压及输出电压，致电我公司0571-88915820

Only typical models listed. If you need other model, please conform the power, input voltage and output voltage, then phone us.

外形尺寸及引脚定义(单位mm) Mechanical drawing and pin definition

MAH(200~300W)尺寸：180×115×27mm



引脚	单路	双路	三路
1	Gr.	Gr.	Gr.
2	Acin	Acin	Acin
3	Acin	Acin	Acin
4	-Vo	-Vo1	-Vo1
5	-Vo	+Vo1	+Vo1
6	-Vo	TRIM1	-Vo2
7	+Vo	TRIM2	+Vo2
8	+Vo	-Vo2	-Vo3
9	+Vo	+Vo2	+Vo3