



# MAL Series (500~1000W) 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)	110%(Typ)
负载调整率(主路) (Load Regulation<main>)	±0.4%	响应速度 (Dynamic Response)	400 μ s

## 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 Resitstance)	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

# AC-DC 端子式电源模块系列

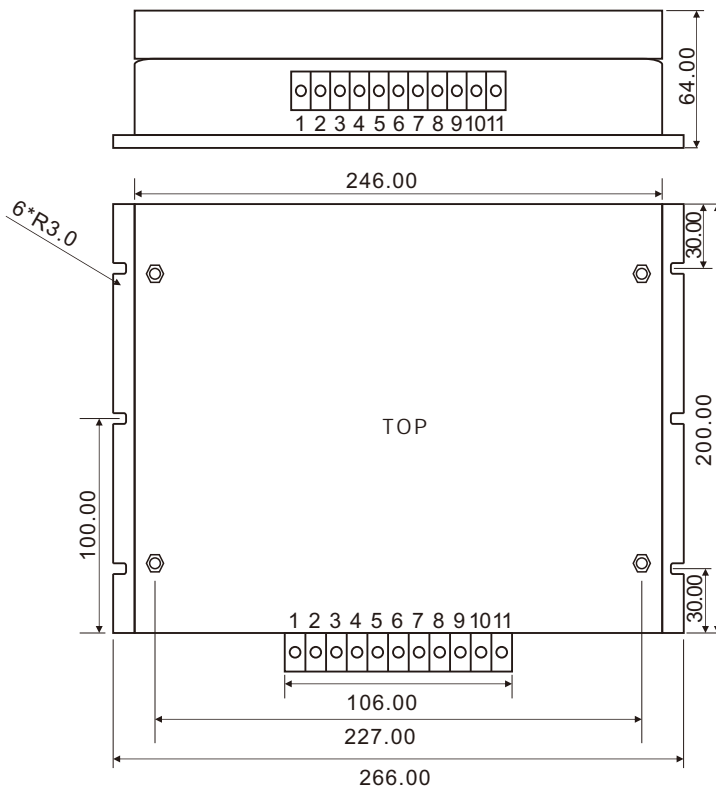
型号 Models		输入电压(Vac) Input voltage	输入电压范围(Vac) Input voltage range	输出电压(Vdc) Output voltage	输出电流(A) Output current	纹波(mv) Ripple and noise	效率(Typ) Efficiency
单路	MAL500-220S12	220	176~264	12	41.67	120	86%
	MAL500-220S15			15	33.33	150	86%
	MAL600-220S24			24	31.25	200	86%
	MAL600-220S28			28	26.78	280	86%
	MAL1000-220S36			36	27.7	300	88%
	MAL800-220S48			48	16.67	400	87%
	MAL880-220S110			110	8	800	87%
双路	MAL300-220D5&5	220	176~264	5/5	30/30	50/50	85%
	MAL480-220D12&12			12/12	20/20	100/100	88%
	MAL600-220D15&15			15/15	20/20	150/150	88%
	MAL720-220D12&24			12/24	30/15	150/200	87%
	MAL720-220D24&24			24/24	15/15	200/200	88%

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

MAL (500~1000W) 266×200×64mm



引脚	单路	双路
1	+Vo	+Vo1
2	+Vo	+Vo1
3	+Vo	-Vo1
4	+Vo	-Vo1
5	-Vo	+Vo2
6	-Vo	+Vo2
7	-Vo	-Vo2
8	-Vo	-Vo2
9	Gr.	Gr.
10	ACIN	ACIN
11	ACIN	ACIN