MAH-H 600-1000W

MAH-H 600-1000W Series AC DC Isolated Converters Modules



特性 Features

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
参照UL1950、IEC950安全规程	Refer to UL1950, IEC950 safety regulation
高功率因素	High power factor
航插出线方式	Aviation connector outlet mode
效率高，散热好	High efficiency, good heat dissipation

条件：除特殊指定外，所有参数测试条件为：室温25°C,标称输入电压，纯阻性标称负载
Condition: All specifications are tested under the room temperature 25°C, Normal input voltage and pure resistive normal load.

输入特性 Input Characteristic

额定值 (Rated)	电压范围 (Voltage Range)
220 VAC (额定值 Rated)	176-264 VAC

输出特性 Output Characteristic

电压精度 (Voltage Set-point Accuracy)	± 2%
电压调整率(主路) (Line Regulation<main>)	± 0.5%
负载调整率(主路) (Load Regulation<main>)	± 0.5%
电流限制点 (Output Current Limiting)	120%(Typ)

输出电流 (Output Current)	6-50A 任选（For option）
输出电压 (Output Voltage)	12-110V 任选（For option）
功率 (Power)	800-1000W

一般特性 General Characteristic

工作频率 (Switching Frequency)	100-200KHz		环境特性 (Environmental Characteristics)	工作壳温 (Case Temperature)	（工业品）Industry -25 – +85°C （军I）Military I -40 – +85°C （军II）Military II -55 – +85°C
绝缘电阻 (Isolation Resistance)	200MΩ				
绝缘强度 (Isolation Voltage)	输入-输出 (Input-Output)	>1500VAC/1min(漏电流<5mA)		存储温度 (Storage Temperature)	（工业品）Industry -45 – +105°C （军I）Military I -55 – +105°C
	输入-外壳 (Input-Case)	>1500VAC/1min(漏电流<5mA)			
	输出-外壳 (Output-Case)	>500 VDC/1min			
	主路-副路 （Main-Vice）	>500 VDC/1min			

保护特性 General Characteristic

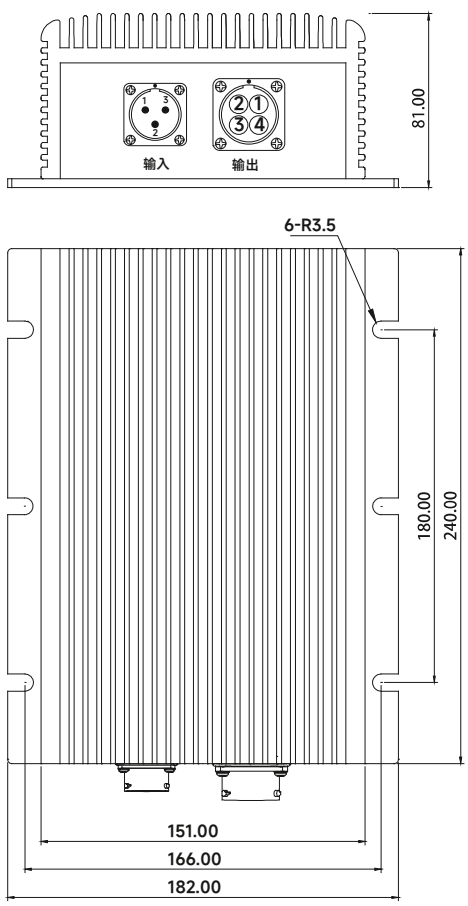
- ★ 输入欠压保护(Input under voltage protection)
- ★ 输入过压保护(Input over voltage protection)
- ★ 输出短路保护(Output short circuit protection)
- ★ 过温保护(Over temperature protection)
- ★ 输出过流保护(Output over current protection)

	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(A)	纹波PK-PK（mv） Ripple and noise	效率(Typ) Efficiency(Typ)	型号 Models
单路 Single Channels Output	220	176-264	12	50	150	91%	MAH-H600-220S12
		176-264	24	41.6	300	92%	MAH-H1000-220S24
		176-264	48	20.8	300	92%	MAH-H1000-220S48
		176-264	110	9.0	600	92%	MAH-H1000-220S110

■说明1：输出纹波噪声（峰值-峰值）采用的是87-88页附录四模块电源测试说明
Output ripple noise (Peak-Peak) is adopted the module power supply test instruction on the page 87-88.

■说明2：仅列出典型型号，其它型号，请确定功率、输入电压及输出电压，致电我公司 400-019-3997
Only typical models listed. If you need other model, please conform the power, input voltage and output voltage, then phone us +86 400-019-3997

外形尺寸以及引脚定义 Mechanical drawing and pin definition



单位(Unit):mm

输入&输出 in&out	引脚 PIN	单路 SING
输入 input	1	Gr.
	2	AC(L)
	3	AC(N)
输出 output	1	+V0
	2	+V0
	3	-V0
	4	-V0