



MDJ Series (100~300W) 宽电压隔离系列

特性 Features

- 输入II型滤波 II type input filter
- 2倍电压输入 2 × voltage input
- 满负荷效率可达90% Full load efficiency up to 90%
- 输出短路保护 Output short circuit protection
- 快速动态响应 Fast dynamic response
- 最佳壳体连接方式 Best case attaching mode
- 高可靠性，长寿命设计 Design for high reliability, long lifetime



输入特性 Input Characteristic

电压范围 (Voltage Range)	12VDC(额定值)	9-18 VDC	反压保护 (Reverse Protection) 应用时外接熔丝 (Fuse Outside)
	24VDC(额定值)	18-36 VDC	
	48VDC(额定值)	36-72 VDC	
	110VDC(额定值)	70-140 VDC	
	300VDC(额定值)	200-400 VDC	
	600VDC(额定值)	400-800 VDC	

输出特性 Output Characteristic

电压精度 (Voltage Set-point Accuracy)	± 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)	>1500 VDC	军品II(Military II)	-55°C ~ +85°C
输入-外壳(Input-Case)	>1050 VDC	存储温度(Storage Temperature)	
输出-外壳(Output-Case)	>500 VDC	工业品(Industry)	-45°C ~ +105°C
		军品(Military)	-55°C ~ +105°C

DC-DC 端子式电源模块系列

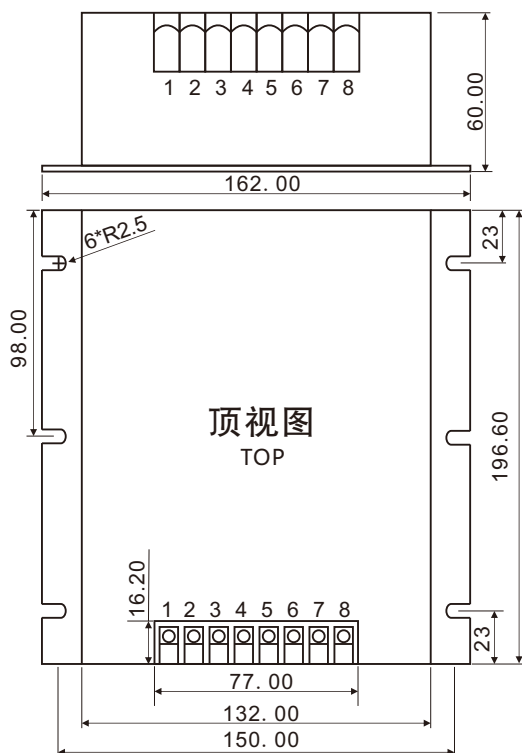
型号 Models

	型号 Models	输入电压(Vdc) Input voltage	输入电压范围(Vdc) 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	MDJ150-12S5	12	9~18	5	30	50	82%
	MDJ200-12S12			12	16.7	120	85%
	MDJ200-24S12	24	18~36	12	16.7	120	87%
	MDJ300-24S24			24	12.5	200	87%
	MDJ300-48S12	48	36~72	12	25	100	87%
	MDJ300-48S24			24	12.5	200	87%
	MDJ100-110S05	110	70~140	5	20	50	88%
	MDJ250-110S12			12	20.8	100	89%
	MDJ300-110S48			48	6.25	400	89%
	MDJ100-300S5	300	200~400	5	20	50	87%
	MDJ150-300S12			12	12.5	100	89%
	MDJ250-300S24			24	10.41	200	90%
	MDJ100-600S5	600	400~800	5	20	50	88%
	MDJ150-600S12			12	12.5	100	90%
	MDJ300-600S24			24	12.5	200	91%

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

MDJ (100~300W) 196×162×60mm



引脚	单路
1	-Vo
2	-Vo
3	+Vo
4	+Vo
5	-Vin
6	-Vin
7	+Vin
8	+Vin