



MDK Series (300~500W) 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
- 恒流输出特性 Feature constant output current
- 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)	24VDC(额定值)	18~36 VDC	反压保护 (Reverse Protection) 应用时外接熔丝 (Fuse Outside)
	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 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)	> 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	

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	MDK360-24S12	24	18~36	12	30	100	85%
	MDK500-24S24			24	20.8	200	86%
	MDK560-24S28			28	20	200	88%
	MDK300-24S48			48	10.41	400	89%

DC-DC 端子式电源模块系列

型号 Models

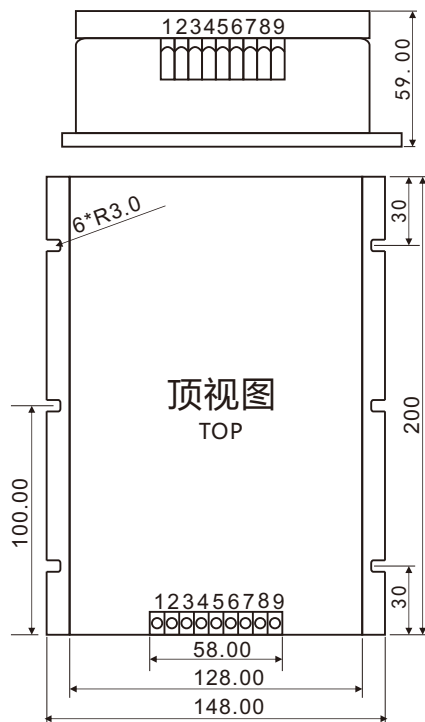
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	MDK560-24S28			28	20	200	88%
	MDK500-24S48			48	10.41	400	89%
	MDK400-48S12	48	36~72	12	33	100	85%
	MDK500-48S24			24	20.8	200	89%
	MDK500-48S48			48	10.41	400	89%
	MDK400-110S12	110	70~140	12	33.3	100	85%
	MDK500-110S24			24	20.8	200	85%
	MDK500-110S48			48	10.41	400	89%
	MDK400-300S12	300	200~400	12	33.3	100	86%
	MDK500-300S24			24	20.8	200	89%
	MDK500-300S48			48	10.41	400	90%
	MDK400-600S12	600	400~800	12	33	100	86%
	MDK500-600S24			24	20.8	200	89%
	MDK500-600S48			48	10.41	400	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

MDK(300~500W) 200×148×59mm



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