



## 特性 Features

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|---------------|--|
| ● 输入II型滤波     | II type input filter                       |
| ● 高功率密度       | High power density                         |
| ● 输出短路保护      | Output short circuit protection            |
| ● 快速动态响应      | Fast dynamic response                      |
| ● 体积小, 单双路输出  | Small form factor, single double output    |
| ● 安装方便        | Easy installation                          |
| ● 高可靠性, 长寿命设计 | Design for high reliability, long lifetime |
| ● 外观设计美观      | Attractive outline design                  |



## 输入特性 Input Characteristic

电压范围 (Voltage Range)	12VDC(额定值)	9-18 VDC
	24VDC(额定值)	18-36 VDC
	18VDC(额定值)	9-36 VDC
	48VDC(额定值)	36-72 VDC
	110VDC(额定值)	70-140 VDC

反压保护 (Reverse Protection)  
应用时外接熔丝 (Fuse Outside)

## 输出特性 Output Characteristic

电压精度 (Voltage Set-point Accuracy)	Vo1: $\pm 1\%$	温度系数 (Temperature Coefficient)	$\pm 0.01\%/^{\circ}\text{C}$
电压调整率(主路) (Line Regulation<main>)	$\pm 0.2\%$	电流限制点 (Output Current Limiting)	120%(Typ)
负载调整率(主路) (Load Regulation<main>)	$\pm 0.4\%$	响应速度 (Dynamic Response)	400 $\mu\text{s}$

## 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 M $\Omega$	工作壳温(Case Temperature)	
MTBF	>500000 H	工业品(Industry)	-25 $^{\circ}\text{C}$ ~ +85 $^{\circ}\text{C}$
绝缘强度(Isolation Voltage)		军品I(Military I)	-40 $^{\circ}\text{C}$ ~ +85 $^{\circ}\text{C}$
输入-输出(Input-Output)	>1500 VDC	军品II(Military II)	-55 $^{\circ}\text{C}$ ~ +85 $^{\circ}\text{C}$
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 $^{\circ}\text{C}$ ~ +105 $^{\circ}\text{C}$
		军品(Military)	-55 $^{\circ}\text{C}$ ~ +105 $^{\circ}\text{C}$

型号 Models

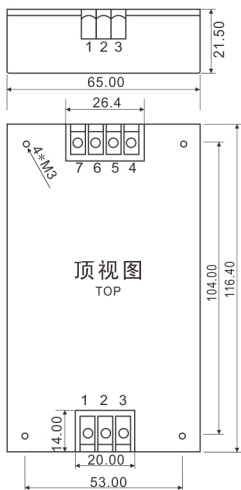
	型号 Models	输入电压(Vdc) Input voltage	输入电压范围(Vdc) Input voltage range	输出电压(Vdc) Output voltage	输出电流(A) Output current	纹波(mv) Ripple and noise	效率(Typ) Efficiency
单 路	MDE50-12S05	12	9~18	5	10	50	83%
	MDE75-12S12			12	6.25	120	83%
	MDE75-12S15			15	5	150	83%
	MDE75-24S5	24	18~36	5	15	50	84%
	MDE100-24S12			12	8.3	100	85%
	MDE100-24S24			24	4.17	200	88%
	MDE75-48S12	48	36~72	12	6.25	100	85%
	MDE100-48S24			24	4.17	200	86%
	MDE100-48S48			48	2.08	400	86%
	MDE50-18S24	18	9~36	24	2.08	200	80%
	MDE50-18S12			12	4.17	100	82%
	MDE100-110S12	110	72~144	12	8.3	100	84%
	MDE100-110S24			24	4.17	200	84%
双 路	MDE60-12D5&12	12	9~18	5/12	10/1	50/100	84%
	MDE70-24D12&24	24	18~36	12/24	1/2.5	100/200	84%
	MDE70-48D5&12	48	36~72	5/12	2/5	50/100	84%

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

MDE(50~120W)尺寸: 116.4×65×21.5mm



引脚	单路	双路
1	⏏	⏏
2	-Vin	-Vin
3	+Vin	+Vin
4	+Vo	+Vo1
5	+Vo	-Vo1
6	-Vo	+Vo2
7	-Vo	-Vo2