



特性 Features

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| ● 输入C型滤波 | C type input filter |
| ● 输入输出完全隔离 | Completely isolate between input & output |
| ● 输出短路保护 | Output short circuit protection |
| ● 满负荷效率可达89% | Full load efficiency up to 89% |
| ● 快速动态响应 | Fast dynamic response |
| ● 体积小, 单双路输出 | Small form factor, single double output |
| ● 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	
	24VDC(额定值)	18-36 VDC	反压保护 (Reverse Protection)
	48VDC(额定值)	36-72 VDC	应用时外接熔丝 (Fuse Outside)
	110VDC(额定值)	72-144 VDC	

输出特性 Output Characteristic

电压精度 (Voltage Set-point Accuracy)	Vo1: ± 1%、Vo2: ± 3%	温度系数 (Temperature Coefficient)	± 0.02%/°C
输出电压调整范围 (Output Voltage Range)	± 10%	电流限制点 (Output Current Limiting)	120%(Typ)
电压调整率 (Line Regulation)	± 1%	响应速度 (Dynamic Response)	400 μs
负载调整率 (Load Regulation)	< 0.5%		
交叉调整率 (Cross Regulation)	± 3%		

一般特性 General Characteristic

工作频率(Switching Frequency)	300 KHz	环境特性(Environmental Characteristics)	
绝缘电阻(Isolation Resitstance)	200 MΩ	工作温度(Operation Temperature)	
MTBF	>500000 H	工业品(Industry)	-25°C ~ +60°C
绝缘强度(Isolation Voltage)		军品I(Military I)	-40°C ~ +70°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		
输出-外壳(Output-Case)	>500 VDC	存储温度(Storage Temperature)	
主路-副路(Main-Aux)	>500VDC	工业品(Industry)	-45°C ~ +105°C
		军品I(Military I)	-55°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
MDW25-XXS5	12 24 48 110	9~18 18~36 36~72 72~144	5.0	5.0	50	82%
MDW25-XXS12			12.0	2.08	100	84%
MDW25-XXS15			15.0	1.66	100	84%
MDW25-XXS24			24.0	1.04	100	86%
MDW25-XXS48			48.0	0.52	200	86%
MDW25-XXD05			5.0/-5.0	2.5/2.5	80/80	82%
MDW25-XXD12			12.0/-12.0	1.04/1.04	100/100	84%
MDW25-XXD15			15.0/-15.0	0.83/0.83	100/100	84%
MDW25-XXD24			24.0/24.0	0.52/0.52	100/100	85%
MDW30-XXS5			12 24 48 110	9~18 18~36 36~72 72~144	5.0	6.0
MDW30-XXS12	12.0	2.5			100	84%
MDW30-XXS15	15.0	2.0			100	84%
MDW30-XXS24	24.0	1.25			100	86%
MDW30-XXS48	48.0	0.625			200	86%
MDW30-XXD05	5.0/-5.0	3.0/3.0			80/80	82%
MDW30-XXD12	12.0/-12.0	1.25/1.25			100/100	84%
MDW30-XXD15	15.0/-15.0	1.0/1.0			100/100	84%
MDW30-XXD24	24.0/24.0	0.625/0.625			100/100	85%

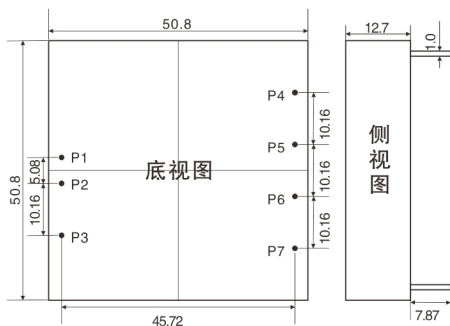
说明：仅列出典型型号，其他型号，请确定功率、输入电压及输出电压，致电我公司0571-88915820

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

MDW(25~30W)尺寸:

50.8×50.8×12.7mm(2"×2"×0.5")



引脚	单路	双路
P1	Vin+	Vin+
P2	Vin-	Vin-
P3	REM	REM
P4	NC	Vo1+
P5	Vo1+	COM
P6	GND	Vo2-
P7	TRIM	TRIM