

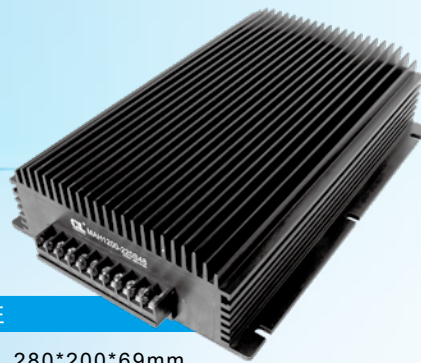
DC/DC MZH 系列

最高输入 1400V_{DC}

AC/DC MAH 系列

多路输出电源 (定制)

750-1200W



物理特性

结构尺寸: 280*200*69mm
重量: MZH:4.2Kg MAH:4.6Kg

特性

Features

- 高可靠性, 长寿命设计
- 整体散热防辐射设计
- 输入宽频噪声滤波器
- 输入浪涌抑制电路
- 符合 UL1950、IEC950 安全规程

Design for high reliability, long lifetime
Integrated design for heat diffusion
Wideband noise filter of input
Surge suppression circuit of input
Comply with UL1950, IEC950 safety regulations

MZH 输入特性

MZH Input Characteristics

电压范围: (Voltage Range)	DC-DC 24V _{DC} (Normal) 18-36V _{DC}
	48V _{DC} (Normal) 36-72V _{DC}
	110V _{DC} (Normal) 66-160V _{DC}
	300V _{DC} (Normal) 200-400V _{DC}
	600V _{DC} (Normal) 400-800V _{DC}

反压保护: 应用时外接电熔丝
(Voltage Range) (External Fuse)

MAH 输入特性

MAH Input Characteristics

电压范围: (Voltage Range)	AC-DC 220V _{AC} (Normal) 176-264V _{AC}
	380V _{AC} (Normal) 323-437V _{AC}

输出特性

Output Characteristics

稳压精度: (Regulated Voltage Accuracy)	± 1%
电压调整率: (Line Regulation)	± 0.2%
负载调整率: (Load Regulation)	± 1%
温度变化率: (Temperature Coefficient)	± 0.02% /°C
电流限制点: (Output Current Limiting)	120% (Typ)
瞬态响应: (Transient Response)	400 μs

一般特性

General Characteristics

工作频率 (典型值): (Switching Frequency)	200 KHz
隔离电阻: (Isolation Resistance)	200 (Typ) MΩ
MTBF:	>500000 hrs

绝缘强度 (Insulation Voltage)

	DC-DC	AC-DC
输入 - 输出: (Input-Output)	> 1500 V _{DC}	> 1500 V _{AC} /1min (漏电流 < 5mA)
输入 - 外壳: (Input-Case)	> 1050 V _{DC}	> 1500 V _{AC} /1min (漏电流 < 5mA)
输出 - 外壳: (Output-Case)	> 500 V _{DC}	> 500 V _{DC} /1min

环境特性 (Environmental Characteristics)

工作壳温: (Operation Temperature)	工业品 (Industry)	-25~+85°C
	军 I (Military I)	-40~+85°C
存储温度: (Storage Temperature)	军 II (Military II)	-55~+85°C
	工业品 (Industry)	-45~+105°C
	军品 (Military)	-55~+105°C

热阻特性

Thermal Characteristics

冷却方式: (Cooling)	热阻 (Thermal Resistance)
自然风冷: (Breeze of Nature)	0.56°C/W
0.5M/S	0.46°C/W
1M/S	0.38°C/W
1.5M/S	0.31°C/W
2M/S	0.25°C/W

DC/DC MZH 系列

型号

Models

	输入电压 (Vdc) Input Voltage	输入电压 (范围) Input Voltage<Range>	输出电压 (Vdc) Output Voltage	输出电流 (A) Output Current	纹波 pk-pk (mV) Ripple and noise	效率 (Typ) Efficiency	型号 Models
单 路	24	18-36	24	31.25	30	83%	MZH-X750-24S24
	24	18-36	24	31.25	200	83%	MZH750-24S24
	24	18-36	24	41.67	200	83%	MZH1000-24S24
	24	18-36	48	20.83	300	83%	MZH1000-24S48
	24	18-36	24	50	200	83%	MZH1200-24S24
	24	18-36	48	25	300	83%	MZH1200-24S48
	24	18-36	24	54.17	200	83%	MZH1300-24S24
	24	18-36	48	27.08	300	83%	MZH1300-24S48
	24	18-36	24	58.33	200	83%	MZH1400-24S24
	24	18-36	48	29.17	300	83%	MZH1400-24S48
	24	18-36	24	62.5	200	83%	MZH1500-24S24
	24	18-36	48	31.25	300	83%	MZH1500-24S48
	48	36-72	24	31.25	200	83%	MZH750-48S24
	48	36-72	48	15.63	300	83%	MZH750-48S48
	48	36-72	24	41.67	200	83%	MZH1000-48S24
	48	36-72	48	20.83	300	83%	MZH1000-48S48
	48	36-72	24	50	200	83%	MZH1200-48S24
	48	36-72	48	25	300	83%	MZH1200-48S48
	48	36-72	24	54.17	200	83%	MZH1300-48S24
	48	36-72	48	27.08	300	83%	MZH1300-48S48
	48	36-72	24	58.33	200	83%	MZH1400-48S24
	48	36-72	48	29.17	300	83%	MZH1400-48S48
	48	36-72	24	62.5	200	83%	MZH1500-48S24
	48	36-72	48	31.25	300	83%	MZH1500-48S48
	110	66-160	24	31.25	200	83%	MZH750-110S24
	110	66-160	48	15.63	300	83%	MZH750-110S48
	300	200-400	24	62.5	200	83%	MZH1500-300S24
	300	200-400	48	31.25	300	83%	MZH1500-300S48
600	400-800	24	62.5	200	83%	MZH1500-600S24	
600	400-800	48	31.25	300	83%	MZH1500-600S48	
双 路	24	18-36	12&12	31.25&31.25	30&30	84%	MZH-X750-24D12&12
	24	18-36	12&12	31.25&31.25	120&120	84%	MZH750-24D12&12
	48	36-72	12&12	33.33&33.33	120&120	84%	MZH800-48D12&12
	48	36-72	24&24	16.67&16.67	200&200	85%	MZH800-48D24&24
	110	66-160	12&12	41.67&41.67	120&120	84%	MZH1000-110D12&12
	110	66-160	24&24	20.83&20.83	200&200	85%	MZH1000-110D24&24
	300	200-400	12&12	50&50	120&120	84%	MZH1200-300D12&12
	300	200-400	24&24	25&25	200&200	85%	MZH1200-300D24&24
600	400-800	48&48	12.5&12.5	300&300	85%	MZH1200-600D48&48	
三 路	24	18-36	12&12&12	20.83&20.83&20.83	30&30&30	83%	MZH-X750-24T12&12&12
	24	18-36	12&12&12	20.83&20.83&20.83	120&120&120	83%	MZH750-24T12&12&12
	24	18-36	12&12&12	22.22&22.22&22.22	120&120&120	83%	MZH800-24T12&12&12
	24	18-36	12&12&24	16.67&16.67&16.67	120&120&200	83%	MZH800-24T12&12&24
	24	18-36	12&12&24	20.83&20.83&20.83	120&120&200	83%	MZH1000-24T12&12&24
	24	18-36	24&24&24	13.89&13.89&13.89	200&200&200	83%	MZH1000-24T24&24&24
	24	18-36	24&24&48	10.42&10.42&10.42	200&200&300	84%	MZH1000-24T24&24&48
	48	36-72	12&12&24	25&25&25	120&120&200	83%	MZH1200-48T12&12&24
	48	36-72	24&24&24	16.67&16.67&16.67	200&200&200	83%	MZH1200-48T24&24&24
	48	36-72	24&24&48	12.5&12.5&12.5	200&200&300	84%	MZH1200-48T24&24&48
	48	36-72	48&48&24	8.33&8.33&16.67	300&300&200	84%	MZH1200-48T48&48&24
	48	36-72	24&24&24	20.83&20.83&20.83	200&200&200	83%	MZH1500-48T24&24&24
	48	36-72	24&24&48	15.63&15.63&15.63	200&200&300	84%	MZH1500-48T24&24&48
	48	36-72	48&48&24	10.42&10.42&20.83	300&300&200	84%	MZH1500-48T48&48&24

注: 以上选型, 型号中功率前面带“X”的为低纹波电源, 纹波小于等于 30mV。Above selection, Model selection of the mark with an "X" is low ripple power supply, the ripple is less than 30mV.

■ 说明: 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后, 致电我公司。

Only typical models and listed. If you need other models, please confirm the power, input voltage and output voltage, then phone us.

AC/DC MAH 系列

型号 Models

	输入电压 (Vac) Input Voltage	输入电压 (范围) Input Voltage<Range>	输出电压 (Vdc) Output Voltage	输出电流 (A) Output Current	纹波 pk-pk (mV) Ripple and noise	效率 (Typ) Efficiency	型号 Models	
单 路	220	176-264	12	62.5	30	82%	MAH-X750-220S12	
	220	176-264	12	62.5	120	82%	MAH750-220S12	
	220	176-264	24	31.25	200	83%	MAH750-220S24	
	220	176-264	28	26.79	300	83%	MAH750-220S28	
	220	176-264	48	15.63	300	84%	MAH750-220S48	
	220	176-264	12	66.67	30	82%	MAH-X800-220S12	
	220	176-264	12	66.67	120	82%	MAH800-220S12	
	220	176-264	24	33.33	200	83%	MAH800-220S24	
	220	176-264	28	28.57	300	83%	MAH800-220S28	
	220	176-264	36	22.22	300	83%	MAH800-220S36	
	220	176-264	48	16.67	300	85%	MAH800-220S48	
	220	176-264	15	60	150	82%	MAH900-220S15	
	220	176-264	24	37.5	200	83%	MAH900-220S24	
	220	176-264	28	32.14	300	83%	MAH900-220S28	
	220	176-264	48	18.75	300	85%	MAH900-220S48	
	220	176-264	24	41.67	200	83%	MAH1000-220S24	
	220	176-264	28	35.71	300	83%	MAH1000-220S28	
	220	176-264	30	33.33	300	83%	MAH1000-220S30	
	220	176-264	36	27.77	300	83%	MAH1000-220S36	
	220	176-264	48	20.83	300	85%	MAH1000-220S48	
	220	176-264	24	45.83	200	83%	MAH1100-220S24	
	220	176-264	28	39.29	300	83%	MAH1100-220S28	
	220	176-264	36	30.55	300	83%	MAH1100-220S36	
	220	176-264	48	22.92	300	85%	MAH1100-220S48	
	220	176-264	24	50	200	83%	MAH1200-220S24	
	380	323-437	28	42.86	300	83%	MAH1200-380S28	
	380	323-437	36	33.33	300	83%	MAH1200-380S36	
	380	323-437	48	25	300	85%	MAH1200-380S48	
	双 路	220	176-264	12&12	31.25&31.25	30&30	84%	MAH-X750-220D12&12
		220	176-264	12&12	31.25&31.25	120&120	84%	MAH750-220D12&12
		220	176-264	12&12	33.33&33.33	120&120	84%	MAH800-220D12&12
		220	176-264	24&24	16.67&16.67	200&200	85%	MAH800-220D24&24
		220	176-264	12&12	45.83&45.83	120&120	84%	MAH1000-220D12&12
220		176-264	24&24	20.83&20.83	200&200	85%	MAH1000-220D24&24	
220		176-264	12&12	41.67&41.67	120&120	84%	MAH1100-220D12&12	
220		176-264	24&24	22.92&22.92	200&200	85%	MAH1100-220D24&24	
220		176-264	12&12	50&50	120&120	84%	MAH1200-220D12&12	
220		176-264	24&24	25&25	200&200	85%	MAH1200-220D24&24	
220		176-264	48&48	12.5&12.5	300&300	85%	MAH1200-220D48&48	
三 路		220	176-264	12&12&12	20.83&20.83&20.83	30&30&30	83%	MAH-X750-220T12&12&12
	220	176-264	12&12&12	20.83&20.83&20.83	120&120&120	83%	MAH750-220T12&12&12	
	220	176-264	12&12&12	22.22&22.22&22.22	120&120&120	83%	MAH800-220T12&12&12	
	220	176-264	12&12&24	16.67&16.67&16.67	120&120&200	83%	MAH800-220T12&12&24	
	220	176-264	12&12&24	20.83&20.83&20.83	120&120&200	83%	MAH1000-220T12&12&24	
	220	176-264	24&24&24	13.89&13.89&13.89	200&200&200	83%	MAH1000-220T24&24&24	
	220	176-264	24&24&48	10.42&10.42&10.42	200&200&300	84%	MAH1000-220T24&24&48	
	220	176-264	12&12&24	20.83&20.83&25	120&120&200	83%	MAH1100-220T12&12&24	
	220	176-264	24&24&24	15.28&15.28&15.28	200&200&200	83%	MAH1100-220T24&24&24	
	220	176-264	24&24&48	10.42&10.42&12.5	200&200&300	84%	MAH1100-220T24&24&48	
	220	176-264	12&12&24	25&25&25	120&120&200	83%	MAH1200-220T12&12&24	
	220	176-264	24&24&24	16.67&16.67&16.67	200&200&200	83%	MAH1200-220T24&24&24	
	220	176-264	24&24&48	12.5&12.5&12.5	200&200&300	84%	MAH1200-220T24&24&48	
	220	176-264	48&48&24	8.33&8.33&16.67	300&300&200	84%	MAH1200-220T48&48&24	

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