

特性 Features

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| ● 宽电压输入范围 | Wide range of input voltage |
| ● 输入宽频噪声滤波 | Broadband noise filter of input |
| ● 输入浪涌电流抑制电路 | Surge suppress circuit of input |
| ● 符合 UL1950、IEC950 安全规程 | Comply with UL1950, IEC950 safety regulation |
| ● 外型设计美观 | Attractive outline design |
| ● 接线端子出线方式 | Terminals connection method |
| ● 安装方便 | Easy installation |
| ● 快速动态响应 | Fast dynamic response |



输入特性 Input Characteristic

电压范围 220 VAC (额定值) 176-264 VAC
(Voltage Range)

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

输出特性 Output Characteristic

电压精度 (Voltage Set-point Accuracy)	± 1%
电压调整率 (Line Regulation)	± 0.2%
负载调整率 (Load Regulation)	± 0.4%
温度变化率 (Temperature Coefficient)	± 0.01%/°C
电流限制点 (Output Current Limiting)	120%(Typ)
响应速度 (Dynamic Response)	400μs
输出电流 (Output Current)	4-20A 任选
输出电压 (Output Voltage)	1.8-48V
功率 (Power)	100-200W

一般特性 General Characteristic

工作频率 (Switching Frequency)	160-200	KHz
隔离电阻 (Isolation Resistance)	200	M Ω
MTBF	>500000	h
绝缘强度(Isolation Voltage)		
输入 - 输出 (Input-Output)	>1500 VAC/1min(漏电流<5mA)	
输入 - 外壳 (Input-Case)	>1500 VAC/1min(漏电流<5mA)	
输出 - 外壳 (Output-Case)	>500 VDC/1min	
环境特性(Environmental Characteristics)		
工作壳温 (Case Temperature)	(工业品)-25 - +85°C (Military I)-40 - +85°C (Military II)-55 - +85°C	
存储温度 (Storage Temperature)	(工业品)-45 - +105°C (Military)-55 - +105°C	

热阻特性 Heat Characteristic

冷却方式 (Cooling)	热阻 (Thermal Resistance)
自然风冷 (Breeze of Nature)	0.94°C/W
0.5M/S	0.79°C/W
1M/S	0.59°C/W
1.5M/S	0.43°C/W
2M/S	0.36°C/W

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	220	176-264	5	20	50	82%	CQA100-220S05
	220	176-264	12	8.33	120	83%	CQA100-220S12
	220	176-264	15	6.67	150	84%	CQA100-220S15
	220	176-264	24	4.17	200	87%	CQA100-220S24
	220	176-264	48	4.2	400	88%	CQA200-220S48
路	220	176-264	5	30	50	82%	CQA150-220S05
	220	176-264	12	12.5	120	83%	CQA150-220S12
	220	176-264	15	10	150	84%	CQA150-220S15

■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,致电我公司。

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

外型尺寸图与引脚定义 Mechanical drawing and pin definition

