

# AC/DC CQA 系列

## 内置功率因数校正电路

100-200W



### 物理特性

结构尺寸: 210\*118\*27mm  
重量: 0.72Kg

### 特性

#### Features

- |                         |   |
|-------------------------|---|
| ■ 宽电压输入范围               | Wide range of input voltage                   |
| ■ 输入宽频噪声滤波              | Wideband noise filter of input                |
| ■ 快速动态响应                | Fast dynamic response                         |
| ■ 接线端子出线方式              | Outlet terminal method                        |
| ■ 输入浪涌抑制电路              | Surge suppression circuit of input            |
| ■ 符合 UL1950、IEC950 安全规程 | Comply with UL1950, IEC950 safety regulations |

### 输入特性

#### Input Characteristics

电压范围: **AC-DC** 220V<sub>AC</sub>(Normal) 176-264V<sub>AC</sub>  
(Voltage Range)

### 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)	± 0.5%
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)

输入 - 输出: (Input-Output)	> 1500 V <sub>AC</sub> /1min (漏电流 < 5mA)
输入 - 外壳: (Input-Case)	> 1500 V <sub>AC</sub> /1min (漏电流 < 5mA)
输出 - 外壳: (Output-Case)	> 500 V <sub>DC</sub> /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
	军 II (Military II)	-55~+85°C
存储温度: (Storage Temperature)	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)	1.28°C/W
0.5M/S	1.07°C/W
1M/S	0.80°C/W
1.5M/S	0.59°C/W
2M/S	0.48°C/W

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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	220	176-264	5	20	50	82%	CQA100-220S05
	220	176-264	12	8.33	120	82%	CQA100-220S12
	220	176-264	24	4.17	200	83%	CQA100-220S24
	220	176-264	48	2.08	300	84%	CQA100-220S48
	220	176-264	12	10	120	82%	CQA120-220S12
路	220	176-264	24	5	200	83%	CQA120-220S24
	220	176-264	48	2.5	300	84%	CQA120-220S48
	220	176-264	12	12.5	120	82%	CQA150-220S12
	220	176-264	24	6.25	200	83%	CQA150-220S24
	220	176-264	48	3.13	300	84%	CQA150-220S48
	220	176-264	12	16.67	120	82%	CQA200-220S12
	220	176-264	24	8.33	200	83%	CQA200-220S24
	220	176-264	48	4.17	300	84%	CQA200-220S48

■ 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.