

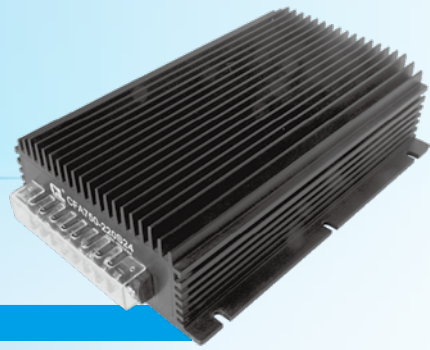
DC/DC CUZ 系列

最高输入 1400V_{DC}

AC/DC CFA 系列

内置功率因数校正电路

300-750W



物理特性

结构尺寸: 240*174*67mm
重量: CUZ:2.7Kg CFA:2.8Kg

特性

Features

- 宽电压输入范围 Wide range of input voltage
- 输入浪涌抑制电路 Surge suppression circuit of input
- 输入宽频噪声滤波器 Wideband noise filter of input
- 整体散热反辐射设计 Attractive outline and anti-radiation design
- 全面通过电磁兼容测试,符合 EN55022(GB17626)、IEC61000-4(GB17626) Fully passed EMC test, comply with EN55022(GB17626)、IEC61000-4(GB17626)
- 符合 UL1950、IEC950 安全规程 Comply with UL1950, IEC950 safety regulations

CUZ 输入特性

CUZ Input Characteristics

电压范围: (Voltage Range)	DC-DC 12V _{DC} (Normal) 9-18V _{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}
	800V _{DC} (Normal) 600-1000V _{DC}

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

CFA 输入特性

CFA Input Characteristics

电压范围: (Voltage Range)	AC-DC 220V _{AC} (Normal) 176-264V _{AC}
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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
	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)	0.70°C/W
0.5M/S	0.58°C/W
1M/S	0.44°C/W
1.5M/S	0.32°C/W
2M/S	0.27°C/W

DC/DC CUZ 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
12	9-18	13.8	21.74	30	82%	CUZ-X300-12S13.8
12	9-18	13.8	21.74	120	82%	CUZ300-12S13.8
12	9-18	24	12.5	200	83%	CUZ300-12S24
12	9-18	13.8	28.99	30	82%	CUZ-X400-12S13.8
12	9-18	13.8	28.99	130	82%	CUZ400-12S13.8
12	9-18	48	8.33	300	83%	CUZ400-12S48
12	9-18	13.8	32.61	120	81%	CUZ450-12S13.8
12	9-18	24	18.75	200	82%	CUZ450-12S24
12	9-18	48	9.38	300	83%	CUZ450-12S48
24	18-36	13.8	21.74	120	82%	CUZ300-24S13.8
24	18-36	24	12.5	200	83%	CUZ300-24S24
24	18-36	48	6.25	300	84%	CUZ300-24S48
24	18-36	13.8	28.99	120	82%	CUZ400-24S13.8
24	18-36	24	16.67	200	83%	CUZ400-24S24
24	18-36	48	8.33	300	84%	CUZ400-24S48
24	18-36	13.8	36.23	120	82%	CUZ500-24S13.8
24	18-36	24	20.83	200	83%	CUZ500-24S24
24	18-36	48	10.42	300	84%	CUZ500-24S48
24	18-36	13.8	43.48	120	82%	CUZ600-24S13.8
24	18-36	24	25	200	83%	CUZ600-24S24
24	18-36	48	12.5	300	84%	CUZ600-24S48
24	18-36	24	29.17	200	83%	CUZ700-24S24
24	18-36	48	14.58	300	84%	CUZ700-24S48
24	18-36	24	31.25	200	83%	CUZ750-24S24
24	18-36	48	15.63	300	84%	CUZ750-24S48
48	36-72	24	12.5	200	83%	CUZ300-48S24
48	36-72	48	6.25	300	84%	CUZ300-48S48
48	36-72	24	16.67	200	83%	CUZ400-48S24
48	36-72	48	8.33	300	84%	CUZ400-48S48
48	36-72	24	20.83	200	83%	CUZ500-48S24
48	36-72	48	10.42	300	84%	CUZ500-48S48
48	36-72	24	25	200	83%	CUZ600-48S24
48	36-72	48	12.5	300	84%	CUZ600-48S48
48	36-72	24	31.25	200	83%	CUZ750-48S24
48	36-72	48	15.63	300	84%	CUZ750-48S48
110	66-160	24	20.83	200	83%	CUZ500-110S24
110	66-160	48	10.42	300	84%	CUZ500-110S48
300	200-400	24	16.67	200	83%	CUZ400-300S24
300	200-400	48	8.33	300	84%	CUZ400-300S48
300	200-400	24	20.83	200	84%	CUZ500-300S24
300	200-400	48	10.42	300	85%	CUZ500-300S48
300	200-400	24	22.92	200	84%	CUZ550-300S24
300	200-400	48	11.46	300	85%	CUZ550-300S48
600	400-800	24	12.5	200	84%	CUZ300-600S24
600	400-800	24	16.67	200	85%	CUZ400-600S24
600	400-800	24	20.83	200	85%	CUZ500-600S24
800	600-1000	48	10.42	300	85%	CUZ500-800S48
24	18-36	24&24	6.25&6.25	200&200	84%	CUZ300-24D24&24
48	36-72	24&24	15.63&15.63	200&200	84%	CUZ750-48D24&24
110	66-160	12&24	12.5&8.33	120&200	83%	CUZ350-110D12&24
300	200-400	24&24	8.33&8.33	200&200	84%	CUZ400-300D24&24
600	400-800	24&24	8.33&8.33	200&200	84%	CUZ400-600D24&24
600	400-800	24&24	15.63&15.63	200&200	84%	CUZ750-600D24&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 CFA 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
220	176-264	12	41.67	30	82%	CFA-X500-220S12
220	176-264	12	41.67	120	82%	CFA500-220S12
220	176-264	15	33.33	150	82%	CFA500-220S15
220	176-264	24	20.83	200	83%	CFA500-220S24
220	176-264	28	17.86	300	83%	CFA500-220S28
220	176-264	48	10.42	300	84%	CFA500-220S48
220	176-264	12	45.83	30	82%	CFA-X550-220S12
220	176-264	12	45.83	120	82%	CFA550-220S12
220	176-264	15	36.67	150	82%	CFA550-220S15
220	176-264	24	22.92	200	83%	CFA550-220S24
220	176-264	28	19.64	300	83%	CFA550-220S28
220	176-264	48	11.46	300	85%	CFA550-220S48
220	176-264	12	50	30	82%	CFA-X600-220S12
220	176-264	12	50	120	82%	CFA600-220S12
220	176-264	15	40	150	82%	CFA600-220S15
220	176-264	24	25	200	83%	CFA600-220S24
220	176-264	28	21.43	300	84%	CFA600-220S28
220	176-264	48	12.5	300	85%	CFA600-220S48
220	176-264	12	54.17	120	82%	CFA650-220S12
220	176-264	13.8	47.1	120	82%	CFA650-220S13.8
220	176-264	15	43.33	150	82%	CFA650-220S15
220	176-264	24	27.08	200	83%	CFA650-220S24
220	176-264	28	23.21	300	84%	CFA650-220S28
220	176-264	48	13.54	300	85%	CFA650-220S48
220	176-264	12	58.33	120	82%	CFA700-220S12
220	176-264	13.8	50.72	120	82%	CFA700-220S13.8
220	176-264	15	46.67	150	82%	CFA700-220S15
220	176-264	24	29.17	200	83%	CFA700-220S24
220	176-264	28	25	300	84%	CFA700-220S28
220	176-264	48	14.58	300	85%	CFA700-220S48
220	176-264	12	62.50	120	82%	CFA750-220S12
220	176-264	13.8	54.35	120	82%	CFA750-220S13.8
220	176-264	15	50	150	82%	CFA750-220S15
220	176-264	24	31.25	200	83%	CFA750-220S24
220	176-264	28	26.79	300	83%	CFA750-220S28
220	176-264	48	15.63	300	84%	CFA750-220S48
220	176-264	±12	20.83/20.83	120/120	83%	CFA500-220D12
220	176-264	±24	10.42/10.42	200/200	84%	CFA500-220D24
220	176-264	12&24	16.67&12.5	120&200	83%	CFA500-220D12&24
220	176-264	24&48	6.25&7.29	200&300	85%	CFA500-220D24&48
220	176-264	±12	22.92/22.92	120/120	82%	CFA550-220D12
220	176-264	±24	11.46/11.46	200/200	83%	CFA550-220D24
220	176-264	12&24	16.67&14.58	120&200	83%	CFA550-220D12&24
220	176-264	24&48	10.42&6.25	200&300	85%	CFA550-220D24&48
220	176-264	±12	25/25	120/120	82%	CFA600-220D12
220	176-264	±13.8	21.74/21.74	120/120	82%	CFA600-220D13.8
220	176-264	12&24	16.67&16.67	120&200	83%	CFA600-220D12&24
220	176-264	24&48	8.33&8.33	200&300	85%	CFA600-220D24&48
220	176-264	±12	29.17/29.17	120/120	82%	CFA700-220D12
220	176-264	±24	14.58/14.58	200/200	84%	CFA700-220D24
220	176-264	24&48	12.5&8.33	200&300	85%	CFA700-220D24&48

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