

DC/DC CLF 系列

双路大功率、传导散热

AC/DC CLD 系列

双端出线 - 传导散热

100-200W



物理特性

结构尺寸: 150*115*27mm
重量: CLF: 0.8Kg CLD: 0.8Kg

特性

Features

- 宽电压输入范围 Wide range of input voltage
- 输入宽频噪声滤波器 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

CLF 输入特性

CLF 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}

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

CLD 输入特性

CLD 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)	± 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)

	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)	1.62°C / W
0.5M/S	1.34°C / W
1M/S	1.00°C / W
1.5M/S	0.96°C / W
2M/S	0.71°C / W

DC/DC CLF 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	05&12	4&6.67	30&30	82%	CLF-X100-12D05&12
12	9-18	05&12	4&6.67	50&120	83%	CLF100-12D05&12
12	9-18	05&15	8&4	50&150	83%	CLF100-12D05&15
12	9-18	05&18	6&4	50&180	83%	CLF100-12D05&18
12	9-18	05&24	6&3	50&200	83%	CLF100-12D05&24
12	9-18	05&48	4&1.67	50&300	83%	CLF100-12D05&48
12	9-18	12&12	6.25&6.25	30&30	82%	CLF-X150-12D12&12
12	9-18	12&12	6.25&6.25	120&120	83%	CLF150-12D12&12
12	9-18	12&15	5&6	120&150	83%	CLF150-12D12&15
12	9-18	12&18	5&5	120&180	83%	CLF150-12D12&18
12	9-18	12&24	6.25&3	120&200	83%	CLF150-12D12&24
12	9-18	12&48	6.25&1.56	120&300	83%	CLF150-12D12&48
12	9-18	15&15	6.67&6.67	30&30	82%	CLF-X200-12D15&15
12	9-18	15&15	6.67&6.67	150&150	82%	CLF200-12D15&15
12	9-18	15&18	6&6.11	150&180	83%	CLF200-12D15&18
12	9-18	15&24	8&3.33	150&200	83%	CLF200-12D15&24
12	9-18	15&48	6&2.3	150&300	83%	CLF200-12D15&48
24	18-36	05&12	4&6.67	30&30	82%	CLF-X100-24D05&12
24	18-36	05&12	4&6.67	50&120	83%	CLF100-24D05&12
24	18-36	05&15	8&4	50&150	83%	CLF100-24D05&15
24	18-36	05&18	6&4	50&180	83%	CLF100-24D05&18
24	18-36	05&24	6&3	50&200	83%	CLF100-24D05&24
24	18-36	05&48	4&1.67	50&300	83%	CLF100-24D05&48
24	18-36	12&12	6.25&6.25	30&30	82%	CLF-X150-24D12&12
24	18-36	12&12	6.25&6.25	120&120	83%	CLF150-24D12&12
24	18-36	12&15	5&6	120&150	83%	CLF150-24D12&15
24	18-36	12&18	5&5	120&180	83%	CLF150-24D12&18
24	18-36	12&24	6.25&3	120&200	83%	CLF150-24D12&24
24	18-36	12&48	6.25&1.56	120&300	83%	CLF150-24D12&48
24	18-36	15&15	6.67&6.67	30&30	82%	CLF-X200-24D15&15
24	18-36	15&15	6.67&6.67	150&150	82%	CLF200-24D15&15
24	18-36	15&18	6&6.11	150&180	83%	CLF200-24D15&18
24	18-36	15&24	8&3.33	150&200	83%	CLF200-24D15&24
24	18-36	15&48	6&2.3	150&300	83%	CLF200-24D15&48
48	36-72	05&12	4&6.67	30&30	82%	CLF-X100-48D05&12
48	36-72	05&12	4&6.67	50&120	83%	CLF100-48D05&12
48	36-72	05&15	8&4	50&150	83%	CLF100-48D05&15
48	36-72	05&18	6&4	50&180	83%	CLF100-48D05&18
48	36-72	05&24	6&3	50&200	83%	CLF100-48D05&24
48	36-72	05&48	4&1.67	50&300	83%	CLF100-48D05&48
48	36-72	12&12	6.25&6.25	30&30	82%	CLF-X150-48D12&12
48	36-72	12&12	6.25&6.25	120&120	83%	CLF150-48D12&12
48	36-72	12&15	5&6	120&150	83%	CLF150-48D12&15
48	36-72	12&18	5&5	120&180	83%	CLF150-48D12&18
48	36-72	12&24	6.25&3	120&200	83%	CLF150-48D12&24
48	36-72	12&48	6.25&1.56	120&300	83%	CLF150-48D12&48
48	36-72	15&15	6.67&6.67	30&30	82%	CLF-X200-48D15&15
48	36-72	15&15	6.67&6.67	150&150	82%	CLF200-48D15&15
48	36-72	15&18	6&6.11	150&180	83%	CLF200-48D15&18
48	36-72	15&24	8&3.33	150&200	83%	CLF200-48D15&24
48	36-72	15&48	6&2.3	150&300	83%	CLF200-48D15&48
48	36-72	24&24	3.13&3.13	200&200	84%	CLF150-48D24&24
48	36-72	24&24	4.17&4.17	300&300	84%	CLF200-48D24&24

双
路

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 CLD 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	05&05	10&10	30&30	82%	CLD-X100-220D05&05
220	176-264	05&05	10&10	50&50	82%	CLD100-220D05&05
220	176-264	05&12	6&5.83	30&30	82%	CLD-X100-220D05&12
220	176-264	05&12	6&5.83	50&120	82%	CLD100-220D05&12
220	176-264	12&05	6.67&4	120&50	82%	CLD100-220D12&05
220	176-264	12&09	5&4.44	120&90	82%	CLD100-220D12&09
220	176-264	12&12	4.17&4.17	120&120	82%	CLD100-220D12&12
220	176-264	12&15	3.33&4	120&150	82%	CLD100-220D12&15
220	176-264	12&24	2.5&2.92	120&200	82%	CLD100-220D12&24
220	176-264	24&05	3.33&4	200&50	83%	CLD100-220D24&05
220	176-264	24&12	2.92&2.5	200&120	83%	CLD100-220D24&12
220	176-264	24&24	2.08&2.08	200&200	83%	CLD100-220D24&24
220	176-264	24&48	1.25&1.46	200&300	84%	CLD100-220D24&48
220	176-264	48&48	1&1	300&300	84%	CLD100-220D48&48
220	176-264	05&05	12&12	30&30	82%	CLD-X120-220D05&05
220	176-264	05&05	12&12	50&50	82%	CLD120-220D05&05
220	176-264	05&12	6&7.5	50&120	82%	CLD120-220D05&12
220	176-264	05&24	4&4.17	50&200	82%	CLD120-220D05&24
220	176-264	12&05	7.5&6	120&50	82%	CLD120-220D12&05
220	176-264	12&09	5&6.67	120&90	82%	CLD120-220D12&09
220	176-264	12&12	5&5	120&120	82%	CLD120-220D12&12
220	176-264	12&15	5&4	120&150	82%	CLD120-220D12&15
220	176-264	12&24	3.33&3.33	120&200	82%	CLD120-220D12&24
220	176-264	24&05	4.17&4	200&50	83%	CLD120-220D24&05
220	176-264	24&12	3.33&3.33	200&120	83%	CLD120-220D24&12
220	176-264	24&24	2.5&2.5	200&200	83%	CLD120-220D24&24
220	176-264	24&48	1.67&1.67	200&300	84%	CLD120-220D24&48
220	176-264	48&48	1.25&1.25	300&300	84%	CLD120-220D48&48
220	176-264	05&05	15&15	50&50	82%	CLD150-220D05&05
220	176-264	05&09	12&10	50&90	82%	CLD150-220D05&09
220	176-264	05&12	10&8.33	50&120	82%	CLD150-220D05&12
220	176-264	05&24	6&5	50&200	82%	CLD150-220D05&24
220	176-264	12&05	8.33&10	30&30	82%	CLD-X150-220D12&05
220	176-264	12&05	8.33&10	120&50	82%	CLD150-220D12&05
220	176-264	12&12	6.25&6.25	120&120	82%	CLD150-220D12&12
220	176-264	12&15	5&6	120&150	82%	CLD150-220D12&15
220	176-264	12&24	5&3.75	120&200	82%	CLD150-220D12&24
220	176-264	24&05	5&6	200&50	83%	CLD150-220D24&05
220	176-264	24&12	3.75&5	200&120	83%	CLD150-220D24&12
220	176-264	24&24	3.13&3.13	200&200	83%	CLD150-220D24&24
220	176-264	24&48	2.08&2.08	200&300	84%	CLD150-220D24&48
220	176-264	48&48	1.56&1.56	300&200	84%	CLD150-220D48&48
220	176-264	05&12	12&11.67	50&120	82%	CLD200-220D05&12
220	176-264	05&24	8&6.67	50&200	82%	CLD200-220D05&24
220	176-264	12&05	11.67&12	120&50	82%	CLD200-220D12&05
220	176-264	12&12	8.33&8.33	30&30	82%	CLD-X200-220D12&12
220	176-264	12&12	8.33&8.33	120&120	82%	CLD200-220D12&12
220	176-264	12&24	5&5.83	120&200	82%	CLD200-220D12&24
220	176-264	24&05	6.67&8	200&50	83%	CLD200-220D24&05
220	176-264	24&12	5.83&5	200&120	83%	CLD200-220D24&12
220	176-264	24&24	4.17&4.17	200&200	83%	CLD200-220D24&24
220	176-264	24&48	2.5&2.92	200&300	84%	CLD200-220D24&48
220	176-264	48&48	2.08&2.08	300&200	84%	CLD200-220D48&48

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