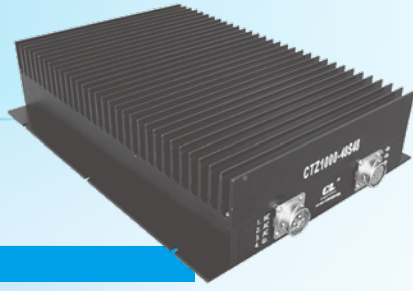


DC/DC
大功率电源
AC/DC
大功率电源

CTZ 系列
CTA 系列

800-2000W



物理特性

结构尺寸: 400*310*94mm
重量: CTZ:15.4Kg CTA:15.4Kg

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

CTZ 输入特性

CTZ 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}
	800V _{DC} (Normal)	600-1000V _{DC}

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

CTA 输入特性

CTA 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)	200KHz
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)	0.20°C /W
0.5M/S	0.17°C /W
1M/S	0.13°C /W
1.5M/S	0.09°C /W
2M/S	0.07°C /W

DC/DC CTZ 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	24	18-36	12	66.67	30	82%	CTZ-X800-24S12
	24	18-36	12	66.67	120	82%	CTZ800-24S12
	24	18-36	24	50	200	83%	CTZ1200-24S24
	24	18-36	28	42.86	300	84%	CTZ1200-24S28
	24	18-36	24	62.5	200	83%	CTZ1500-24S24
	24	18-36	28	53.57	300	84%	CTZ1500-24S28
	24	18-36	48	31.25	300	84%	CTZ1500-24S48
	24	18-36	24	83.33	200	83%	CTZ2000-24S24
	24	18-36	48	41.67	300	84%	CTZ2000-24S48
	48	36-72	24	33.33	200	83%	CTZ800-48S24
	48	36-72	24	41.67	200	83%	CTZ1000-48S24
	48	36-72	24	50	200	83%	CTZ1200-48S24
	48	36-72	24	62.5	200	83%	CTZ1500-48S24
	48	36-72	24	83.33	200	83%	CTZ2000-48S24
	48	36-72	48	41.67	300	84%	CTZ2000-48S48
	110	66-160	24	33.33	200	83%	CTZ800-110S24
	110	66-160	24	41.67	200	83%	CTZ1000-110S24
	110	66-160	28	42.86	300	83%	CTZ1200-110S28
	110	66-160	24	62.5	200	83%	CTZ1500-110S24
	110	66-160	48	31.25	300	85%	CTZ1500-110S48
	110	66-160	24	83.33	200	83%	CTZ2000-110S24
	110	66-160	48	41.67	300	85%	CTZ2000-110S48
	300	200-400	24	33.33	200	83%	CTZ800-300S24
	300	200-400	24	41.67	200	83%	CTZ1000-300S24
	300	200-400	24	50	200	83%	CTZ1200-300S24
	300	200-400	24	62.5	200	83%	CTZ1500-300S24
	300	200-400	48	31.25	300	84%	CTZ1500-300S48
	300	200-400	24	83.33	200	83%	CTZ2000-300S24
	300	200-400	48	41.67	300	84%	CTZ2000-300S48
	600	400-800	24	33.33	200	83%	CTZ800-600S24
	600	400-800	24	41.67	200	83%	CTZ1000-600S24
	600	400-800	24	50	200	83%	CTZ1200-600S24
600	400-800	24	62.5	200	83%	CTZ1500-600S24	
600	400-800	48	31.25	300	84%	CTZ1500-600S48	
600	400-800	24	83.33	200	83%	CTZ2000-600S24	
600	400-800	48	41.67	300	84%	CTZ2000-600S48	
800	600-1000	24	33.33	200	83%	CTZ800-800S24	
800	600-1000	24	41.67	200	83%	CTZ1000-800S24	
800	600-1000	24	50	200	83%	CTZ1200-800S24	
800	600-1000	24	62.5	200	83%	CTZ1500-800S24	
800	600-1000	48	31.25	300	84%	CTZ1500-800S48	
800	600-1000	24	83.33	200	83%	CTZ2000-800S24	
800	600-1000	48	41.67	300	84%	CTZ2000-800S48	
双	24	18-36	24&24	16.67&16.67	200&200	83%	CTZ800-24D24&24
	48	36-72	48&48	8.33&8.33	300&300	84%	CTZ800-48D48&48
	24	18-36	24&24	20.83&20.83	200&200	83%	CTZ1000-24D24&24
	48	36-72	48&48	10.42&10.42	300&300	84%	CTZ1000-48D48&48
	110	66-160	24&24	25&25	200&200	83%	CTZ1200-110D24&24
	110	66-160	48&48	15.63&15.63	300&300	84%	CTZ1500-110D48&48
	300	200-400	24&24	25&25	200&200	83%	CTZ1200-300D24&24
	300	200-400	48&48	15.63&15.63	300&300	84%	CTZ1500-300D48&48
	600	400-800	24&24	25&25	200&200	83%	CTZ1200-600D24&24
	600	400-800	48&48	15.63&15.63	300&300	84%	CTZ1500-600D48&48

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.

DC/DC CTA 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	220	176-264	24	33.33	30	83%	CTA-X800-220S24	
	220	176-264	24	33.33	200	83%	CTA800-220S24	
	220	176-264	60	13.33	300	85%	CTA800-220S60	
	220	176-264	72	11.11	300	85%	CTA800-220S72	
	220	176-264	15	66.67	150	82%	CTA1000-220S15	
	220	176-264	24	41.67	200	83%	CTA1000-220S24	
	220	176-264	48	20.83	300	85%	CTA1000-220S48	
	220	176-264	60	16.67	300	85%	CTA1000-220S60	
	220	176-264	72	13.89	300	85%	CTA1000-220S72	
	220	176-264	24	50	200	83%	CTA1200-220S24	
	220	176-264	48	25	300	85%	CTA1200-220S48	
	220	176-264	60	20	300	85%	CTA1200-220S60	
	220	176-264	72	16.67	300	85%	CTA1200-220S72	
	路	220	176-264	48	27.08	300	85%	CTA1300-220S48
		220	176-264	60	21.67	300	85%	CTA1300-220S60
		220	176-264	72	18.06	300	85%	CTA1300-220S72
		220	176-264	110	11.82	500	85%	CTA1300-220S110
		220	176-264	48	31.25	300	85%	CTA1500-220S48
		220	176-264	60	25	300	85%	CTA1500-220S60
		220	176-264	72	20.83	300	85%	CTA1500-220S72
220		176-264	110	13.64	500	85%	CTA1500-220S110	
220		176-264	48	33.33	300	85%	CTA1600-220S48	
220		176-264	60	26.67	300	85%	CTA1600-220S60	
220		176-264	72	22.22	300	85%	CTA1600-220S72	
220		176-264	110	14.55	500	85%	CTA1600-220S110	
220		176-264	48	35.42	300	85%	CTA1700-220S48	
220		176-264	60	28.33	300	85%	CTA1700-220S60	
220		176-264	72	23.61	300	85%	CTA1700-220S72	
220		176-264	110	15.45	500	85%	CTA1700-220S110	
220		176-264	48	37.5	300	85%	CTA1800-220S48	
220		176-264	60	30	300	85%	CTA1800-220S60	
220		176-264	72	25	300	85%	CTA1800-220S72	
220		176-264	110	16.36	500	85%	CTA1800-220S110	
双	220	176-264	48	41.67	300	85%	CTA2000-220S48	
	380	323-437	60	33.33	300	85%	CTA2000-380S60	
	380	323-437	72	27.78	300	85%	CTA2000-380S72	
	380	323-437	110	18.18	500	85%	CTA2000-380S110	
	路	220	176-264	24&24	16.67&16.67	30&30	85%	CTA-X800-220D24&24
		220	176-264	24&24	16.67&16.67	200&200	85%	CTA800-220D24&24
		220	176-264	24&24	20.83&20.83	200&200	85%	CTA1000-220D24&24
		220	176-264	24&48	16.67&12.5	200&300	85%	CTA1000-220D24&48
		220	176-264	48&48	10.42&10.42	300&300	85%	CTA1000-220D48&48
		220	176-264	24&24	25&25	200&200	85%	CTA1200-220D24&24
		220	176-264	24&48	16.67&16.67	200&300	85%	CTA1200-220D24&48
		220	176-264	48&48	12.5&12.5	300&300	85%	CTA1200-220D48&48
220		176-264	24&24	31.25&31.25	200&200	85%	CTA1500-220D24&24	
220		176-264	24&48	20.83&20.83	200&300	85%	CTA1500-220D24&48	
220		176-264	48&48	15.63&15.63	300&300	85%	CTA1500-220D48&48	
220		176-264	24&24	37.5&37.5	200&200	85%	CTA1800-220D24&24	
220	176-264	24&48	25&25	200&300	85%	CTA1800-220D24&48		
220	176-264	48&48	18.75&18.75	300&300	85%	CTA1800-220D48&48		
220	176-264	24&24	41.67&41.67	200&200	85%	CTA2000-220D24&24		
220	176-264	24&48	25&29.17	200&300	85%	CTA2000-220D24&48		

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