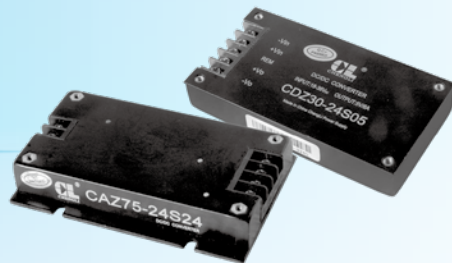


# DC/DC CAZ,CBZ,CCZ CDZ,CEZ 系列

提供多种散热及出线方式

75-120W



## 特性

## Features

- 输入 II 型滤波
- 恒流输出特性
- 功率覆盖范围广, 便于升级
- 高可靠性, 长寿命设计
- 安装方便, 单端出线
- 自然冷却, 无须附加散热器

- II type input filter
- Constant output current feature
- Wide range of power ,easy to upgrade
- Design for high reliability,long lifetime
- Easy installation,single outlet
- Natural cooling,no heat sink needed

## 物理特性

结构尺寸: 98\*52.5\*16mm(CDZ,CEZ)  
100\*65\*17mm(CAZ,CBZ)  
100\*65\*18mm(CCZ)  
重量: CAZ: 0.12Kg CBZ: 0.12Kg  
CCZ: 0.16Kg CDZ,CEZ: 0.12Kg

## 输入特性

## Input Characteristics

电压范围: (Voltage Range)	<b>DC-DC</b> 12V <sub>DC</sub> (Normal)	9-18V <sub>DC</sub>
	18V <sub>DC</sub> (Normal)	9-36V <sub>DC</sub>
	24V <sub>DC</sub> (Normal)	18-36V <sub>DC</sub>
	48V <sub>DC</sub> (Normal)	36-72V <sub>DC</sub>

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

## 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

## 选型说明

## User's Selection Guide

- CAZ: 顶面散热, 双端出线, 带马蹄孔安装板  
(Top heat dissipation,two side terminal,mounting hoof-hole)
- CBZ: 顶面散热, 单端出线, 带马蹄孔安装板  
(Top heat dissipation,one side terminal,mounting hoof-hole)
- CCZ: 传导散热, 单端出线, 带马蹄孔安装板  
(Bottom heat conduction,one side terminal,mounting hoof-hole)
- CDZ: 传导散热, 单端出线  
(Bottom heat conduction,one side terminal)
- CEZ: 顶面散热, 单端出线  
(Top heat dissipation,one side terminal)

## 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>DC</sub>
输入 - 外壳: (Input-Case)	> 1050 V <sub>DC</sub>
输出 - 外壳: (Output-Case)	> 500 V <sub>DC</sub>

## 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)	4. 38°C /W
0. 5M/S	3. 65°C /W
1M/S	2. 72°C /W
1. 5M/S	1. 98°C /W
2M/S	1. 64°C /W

# DC/DC CAZ,CBZ,CCZ,CDZ,CEZ 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	5	15	30	83%	CAZ-X75-12S05
12	9-18	5	15	50	83%	CAZ75-12S05
12	9-18	12	6.25	30	83%	CAZ-X75-12S12
12	9-18	12	6.25	120	83%	CAZ75-12S12
12	9-18	24	3.13	200	84%	CAZ75-12S24
12	9-18	28	2.68	300	84%	CAZ75-12S28
12	9-18	12	6.67	30	83%	CAZ-X80-12S12
12	9-18	12	6.67	120	83%	CAZ80-12S12
12	9-18	15	5.33	150	83%	CAZ80-12S15
12	9-18	24	3.33	200	84%	CAZ80-12S24
12	9-18	28	2.86	300	84%	CAZ80-12S28
12	9-18	12	10.42	120	83%	CAZ125-12S12
12	9-18	13.8	9.06	120	83%	CAZ125-12S13.8
12	9-18	15	8.33	150	83%	CAZ125-12S15
12	9-18	24	5.21	200	83%	CAZ125-12S24
12	9-18	28	4.46	300	83%	CAZ125-12S28
18	9-36	5	15	50	83%	CAZ75-18S05
18	9-36	12	6.25	120	83%	CAZ75-18S12
18	9-36	13.8	5.43	120	83%	CAZ75-18S13.8
18	9-36	15	5	150	83%	CAZ75-18S15
18	9-36	24	3.13	200	84%	CAZ75-18S24
18	9-36	28	2.68	300	84%	CAZ75-18S28
18	9-36	12	6.67	120	83%	CAZ80-18S12
18	9-36	13.8	5.8	120	83%	CAZ80-18S13.8
18	9-36	15	5.33	150	83%	CAZ80-18S15
18	9-36	24	3.33	200	84%	CAZ80-18S24
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18	9-36	24	5.21	200	83%	CAZ125-18S24
18	9-36	28	4.46	300	83%	CAZ125-18S28
24	18-36	5	15	50	83%	CAZ75-24S05
24	18-36	12	6.25	120	83%	CAZ75-24S12
24	18-36	13.8	5.43	120	83%	CAZ75-24S13.8
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24	18-36	28	4.46	300	83%	CAZ125-24S28
48	36-72	5	15	50	83%	CAZ75-48S05
48	36-72	12	6.25	120	83%	CAZ75-48S12
48	36-72	24	3.13	200	84%	CAZ75-48S24
48	36-72	28	2.68	300	84%	CAZ75-48S28
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48	36-72	24	5.21	200	83%	CAZ125-48S24

单  
路

注：以上 CAZ 的选型，CBZ,CCZ,CDZ,CEZ 均可定制。 All above model CAZ selected CBZ,CCZ,CDZ,CEZ able to customize.  
型号中功率前面带“X”的为低纹波电源，纹波小于等于 30mV。 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.