

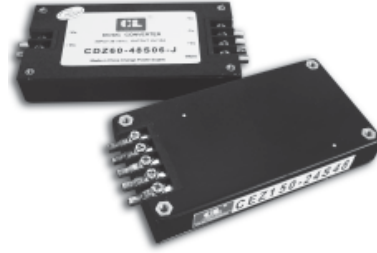
75-150W

DC/DC

CDZ/CEZ Series

Features

- II type input filter
- Feature constant output current
- 2X, 4X voltage input
- Design for high reliability, long lifetime
- Easy installation, single side pin out
- Natural cooling, with heat sink attachable
- Wide range of power, easy to upgrade



Input Characteristic

Voltage Range	12 VDC	9-18 VDC
	24 VDC	18-36 VDC
	48 VDC	36-72 VDC
	18 VDC	9-36 VDC

Reverse Protection Connect Fuse Outside

Output Characteristic

Voltage Set-point Accuracy	± 1%
Output Voltage Range	± 0.2%
Line Regulation	± 0.4%
Load Regulation	± 0.01%/°C
Temperature Coefficient	120%(Typ)
Dynamic Response	400μs
Output Current	3-15A 任选
Output Voltage	1.8-48V
Power	75-150W

General Characteristic

Switching Frequency	160-200	KHz
Isolation Resistance	200	M Ω
MTBF	>500000	h
Isolation Voltage	>1500	Input-Output
		Input-Case
		Output-Case

Environmental Characteristics

Case Temperature	(Industry) -25 - +85 °C
	(Military I) -40 - +85 °C
	(Military II) -55 - +85 °C
Storage Temperature	(Industry) -45 - +105 °C
	(Military) -55 - +105 °C

Heat Characteristic

Cooling	Thermal Resistance
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

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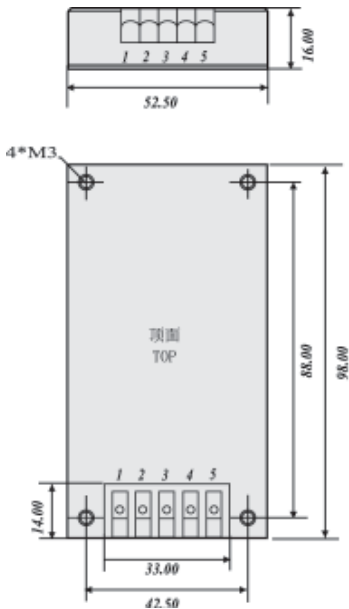
DC/DC

Models CDZ, CEZ are almost the same CEZ heat sink at top							
Input voltage (Vdc)	Input Range	Output voltage (Vdc)	Output current (A)	Ripple and noise pk-pk(mv)	Efficiency Typical	Models	
12	9-18	12	6.25	120	83%	CDZ75-12S12	
12	9-18	28	5.36	280	85%	CDZ150-12S28	
24	18-36	28	2.68	280	89%	CDZ75-24S28	
24	18-36	48	3.13	400	86%	CDZ150-24S48	
24	18-36	12	6.25	120	85%	CDZ75-24S12	
48	36-72	12	10.4	120	87%	CDZ125-48S12	
48	36-72	28	4.29	280	88%	CDZ120-48S28	
48	36-72	48	3.13	400	86%	CDZ150-48S48	
18	9-36	24	5	200	85%	CDZ120-18S24	
18	9-36	28	4.29	280	85%	CDZ120-18S28	

Only typical models listed. If you need other model, please contact us for costum models

Mechanical drawing and pin definition

Efficiency curve



CDZ series CEZ series

单位 (Unit) :mm

引脚 PIN	单路 SING
1	-Vin
2	+Vin
3	REM
4	+Vo
5	-Vo

引脚 PIN	单路 SING
1	-Vin
2	+Vin
3	REM
4	+Vo
5	-Vo

