

DC/DC CHZ 系列

工业标准整砖，高可靠性，
高效率

75-150W



特性

Features

- 工业标准全砖 Industry standard brick
- 同步整流技术 Synchronous rectification
- 1500VDC 绝缘强度 1500VDC isolation strength
- 高效率，低噪音 High efficiency, low noise
- 高功率密度 High power density
- 快速动态响应 Fast dynamic response

输入特性

Input Characteristics

电压范围: **DC-DC** 24V_{DC}(Normal) 18-36V_{DC}
(Voltage Range) 48V_{DC}(Normal) 36-72V_{DC}

输出特性

Output Characteristics

稳压精度: (Regulated Voltage Accuracy) ± 1%

输出电压调节范围: (Line Regulation) ± 10%

电压调整率: (Line Regulation) ± 0.2%

负载调整率: (Load Regulation) ± 0.5%

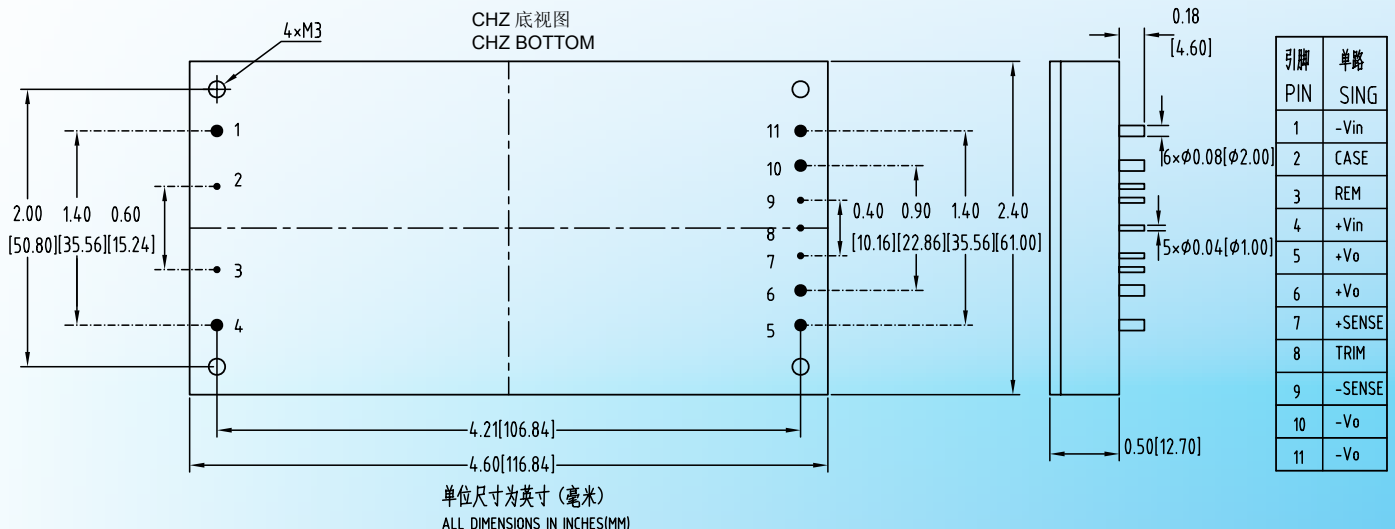
温度变化率: (Temperature Coefficient) ± 0.02% /°C

电流限制点: (Output Current Limiting) 120% (Typ)

瞬态响应: (Transient Response) 400 μs

尺寸图

Dimensioned Drawing



物理特性

结构尺寸: 116.8*61*12.7mm
重量: 0.2Kg

一般特性

General Characteristics

工作频率(典型值): (Switching Frequency) 250 KHz

隔离电阻: (Isolation Resistance) 200 (Typ)MΩ

MTBF: >1000000 hrs

绝缘强度 (Insulation Voltage)

输入-输出: (Input-Output) > 1500 V_{DC}

输入-外壳: (Input-Case) > 1050 V_{DC}

输出-外壳: (Output-Case) > 500 V_{DC}

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 热阻 (加散热器)
(Thermal Resistance)

自然风冷: (Breeze of Nature) 2.76°C/W 1.77°C/W

0.5M/S 2.30°C/W 1.32°C/W

1M/S 1.72°C/W 0.96°C/W

1.5M/S 1.25°C/W 0.79°C/W

2M/S 1.04°C/W 2.12°C/W

DC/DC CHZ 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	5	30	50	90%	CHZ150-24S05
	24	18-36	12	12.5	120	88%	CHZ150-24S12
	24	18-36	15	10	150	87%	CHZ150-24S15
	24	18-36	5	40	50	90%	CHZ200-24S05
	24	18-36	12	16.67	120	87%	CHZ200-24S12
	24	18-36	15	13.33	150	87%	CHZ200-24S15
	24	18-36	5	50	50	90%	CHZ250-24S05
	24	18-36	12	20.83	120	87%	CHZ250-24S12
	24	18-36	15	16.67	150	87%	CHZ250-24S15
	24	18-36	5	60	50	90%	CHZ300-24S05
	24	18-36	12	25	120	87%	CHZ300-24S12
	24	18-36	15	20	150	87%	CHZ300-24S15
路	48	36-72	5	30	50	90%	CHZ150-48S05
	48	36-72	12	12.5	120	87%	CHZ150-48S12
	48	36-72	15	10	150	87%	CHZ150-48S15
	48	36-72	5	40	50	90%	CHZ200-48S05
	48	36-72	12	16.67	120	87%	CHZ200-48S12
	48	36-72	15	13.33	150	87%	CHZ200-48S15
	48	36-72	5	50	50	90%	CHZ250-48S05
	48	36-72	12	20.83	120	87%	CHZ250-48S12
	48	36-72	15	16.67	150	87%	CHZ250-48S15
	48	36-72	24	10.42	200	87%	CHZ250-48S24
	48	36-72	5	60	50	90%	CHZ300-48S05
	48	36-72	12	25	120	87%	CHZ300-48S12
	48	36-72	15	20	150	87%	CHZ300-48S15
	48	36-72	24	12.5	200	87%	CHZ300-48S24

■ 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.