

DC/DC CW 系列

双路独立稳压，小体积，
大功率输出

100-150W



物理特性

结构尺寸: 127*88.9*17.3mm
重量: 0.34Kg

特性

Features

- 输入 π 型滤波 π type input filter
- 高功率密度 High power density
- 快速动态响应 Fast dynamic response
- 功率覆盖范围广，便于升级 Wide range of power ,easy to upgrade
- 小体积，大功率输出 Small form factor,High output power
- 自然冷却可附带散热器 Natural cooling,heat sink attachable

输入特性

Input Characteristics

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

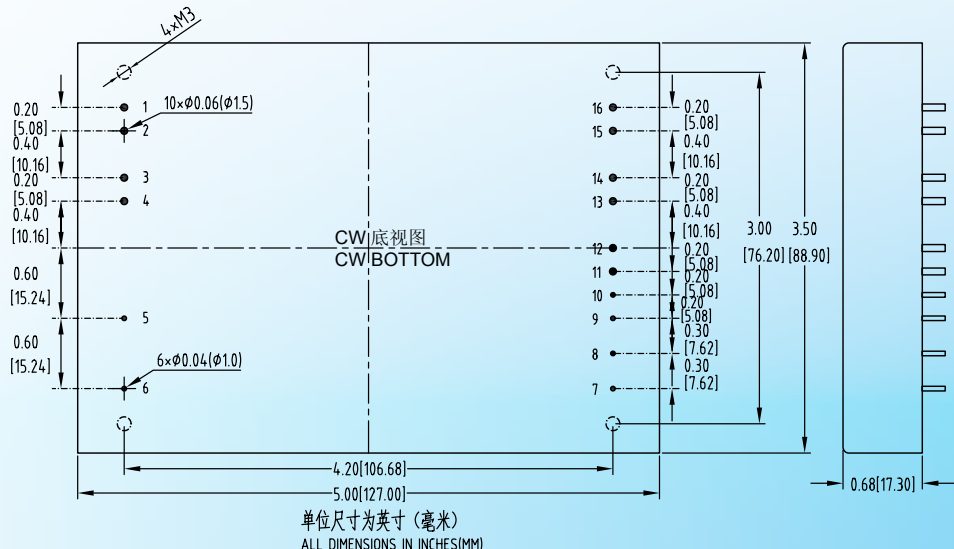
输出特性

Output Characteristics

稳压精度: (Regulated Voltage Accuracy) $\pm 1\%$
输出电压调节范围: (Line Regulation) $\pm 10\%$
电压调整率 (主路): (Line Regulation) $\pm 0.2\%$
负载调整率 (主路): (Load Regulation) $\pm 0.5\%$
温度变化率: (Temperature Coefficient) $\pm 0.02\% / ^\circ\text{C}$
电流限制点: (Output Current Limiting) 120% (Typ)
瞬态响应: (Transient Response) 400 μs

尺寸图

Dimensioned Drawing



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)M Ω
MTBF: >500000 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 $^\circ\text{C}$
军 I (Military I) -40~+85 $^\circ\text{C}$
军 II (Military II) -55~+85 $^\circ\text{C}$
存储温度: (Storage Temperature) 工业品 (Industry) -45~+105 $^\circ\text{C}$
军品 (Military) -55~+105 $^\circ\text{C}$

热阻特性

Thermal Characteristics

冷却方式: (Cooling) 自然风冷: (Breeze of Nature)
热阻: (Thermal Resistance) 2.50 $^\circ\text{C}/\text{W}$
0.5M/S 2.08 $^\circ\text{C}/\text{W}$
1M/S 1.56 $^\circ\text{C}/\text{W}$
1.5M/S 1.13 $^\circ\text{C}/\text{W}$
2M/S 0.94 $^\circ\text{C}/\text{W}$

引脚	单路	双路
PIN	SING	DOU
1	+Vin	+Vin
2	+Vin	+Vin
3	-Vin	-Vin
4	-Vin	-Vin
5	CASE	CASE
6	REM	REM
7	-SENSE	-SENSE
8	TRIM	TRIM
9	+SENSE	+SENSE
10	NC	NC
11	NC	+Vo2
12	NC	+Vo2
13	-Vo	GND
14	-Vo	GND
15	+Vo	+Vo1
16	+Vo	+Vo1

DC/DC CW 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
24	18-36	12	8.33	120	82%	CW100-24S12
24	18-36	15	6.67	150	82%	CW100-24S15
24	18-36	24	4.17	200	83%	CW100-24S24
24	18-36	36	2.78	300	84%	CW100-24S36
24	18-36	48	2.08	300	84%	CW100-24S48
24	18-36	12	10	120	82%	CW120-24S12
24	18-36	15	8	150	82%	CW120-24S15
24	18-36	24	5	200	83%	CW120-24S24
24	18-36	36	3.3	300	84%	CW120-24S36
24	18-36	48	2.5	300	84%	CW120-24S48
24	18-36	12	12.5	120	82%	CW150-24S12
24	18-36	15	10	150	83%	CW150-24S15
24	18-36	24	6.25	200	83%	CW150-24S24
24	18-36	48	3.13	300	84%	CW150-24S48
48	36-72	12	8.33	120	82%	CW100-48S12
48	36-72	15	6.67	150	82%	CW100-48S15
48	36-72	24	4.17	200	83%	CW100-48S24
48	36-72	36	2.78	300	84%	CW100-48S36
48	36-72	48	2.08	300	84%	CW100-48S48
48	36-72	12	10	120	82%	CW120-48S12
48	36-72	15	8	150	82%	CW120-48S15
48	36-72	24	5	200	83%	CW120-48S24
48	36-72	48	2.5	300	84%	CW120-48S48
48	36-72	12	12.5	120	82%	CW150-48S12
48	36-72	15	10	150	83%	CW150-48S15
48	36-72	24	6.25	200	83%	CW150-48S24
48	36-72	48	3.13	300	84%	CW150-48S48
24	18-36	05+05	10/10	50/50	82%	CW100-24D05+05
24	18-36	05+12	6/5.83	50/120	82%	CW100-24D05+12
24	18-36	05+24	4/3.33	50/200	82%	CW100-24D05+24
24	18-36	12+12	4.17/4.17	120/120	82%	CW100-24D12+12
24	18-36	12+24	2.5/2.92	120/200	83%	CW100-24D12+24
24	18-36	24+24	2/2	200/200	83%	CW100-24D24+24
24	18-36	05+05	15/15	50/50	82%	CW150-24D05+05
24	18-36	05+12	10/8.33	50/120	82%	CW150-24D05+12
24	18-36	05+24	6/5	50/200	82%	CW150-24D05+24
24	18-36	12+12	6.25/6.25	120/120	82%	CW150-24D12+12
24	18-36	12+24	4.17/4.17	120/200	83%	CW150-24D12+24
24	18-36	24+24	3.13/3.13	200/200	83%	CW150-24D24+24
24	18-36	24+48	2/2	200/300	83%	CW150-24D24+48
48	36-72	05+05	10/10	50/50	82%	CW100-48D05+05
48	36-72	05+12	6/5.83	50/120	82%	CW100-48D05+12
48	36-72	05+24	4/3.33	50/200	82%	CW100-48D05+24
48	36-72	12+12	4.17/4.17	120/120	82%	CW100-48D12+12
48	36-72	12+24	2.5/2.92	120/200	83%	CW100-48D12+24
48	36-72	24+24	2/2	200/200	83%	CW100-48D24+24
48	36-72	05+05	15/15	50/50	82%	CW150-48D05+05
48	36-72	05+12	10/8.33	50/120	82%	CW150-48D05+12
48	36-72	05+24	6/5	50/200	82%	CW150-48D05+24
48	36-72	12+12	6.25/6.25	120/120	82%	CW150-48D12+12
48	36-72	12+24	4.17/4.17	120/200	83%	CW150-48D12+24
48	36-72	24+24	3.13/3.13	200/200	83%	CW150-48D24+24
48	36-72	24+48	2/2	200/300	83%	CW150-48D24+48

■ 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.