

50-75W

CEW Series

AC/DC

Features

- Wide range of input voltage
- Broadband noise filter of input
- Surge suppress circuit of input
- Comply with UL1950, IEC950 safety regulation
- Attractive outline design
- Terminals connection method
- Fast dynamic response



Input Characteristic

Voltage Range	220 VAC (176-264 VAC)
Reverse Protection	Connect Fuse Outside

Output Characteristic

Voltage Set-point Accuracy	$\pm 1\%$
Output Voltage Range	$\pm 10\%$
Line Regulation	$\pm 0.2\%$
Load Regulation	$\pm 0.4\%$
Temperature Coefficient	$\pm 0.01\%/^{\circ}\text{C}$
Output Current Limiting	$\pm 3\%$
Dynamic Response	120%(Typ)
Cross Regulation	400 μs
Output Current	2-5A
Output Voltage	1.8-48V
Power	50-75W

General Characteristic

Switching Frequency	160-200	KHz
Isolation Resistance	200	M Ω
MTBF	>500000	h
Isolation Voltage		
Input-Output	>1500 VAC/1min(Leak <5mA)
Input-Case	>1500 VAC/1min(Leak <5mA)
Output-Case	>500	VDC/1min
Main-Aux	>500	VDC/1min

Environmental Characteristics

Case Temperature	(Industry) -25 - +85 $^{\circ}\text{C}$ (Military I) -40 - +85 $^{\circ}\text{C}$ (Military II) -55 - +85 $^{\circ}\text{C}$
Storage Temperature	(Industry) -45 - +105 $^{\circ}\text{C}$ (Military) -55 - +105 $^{\circ}\text{C}$

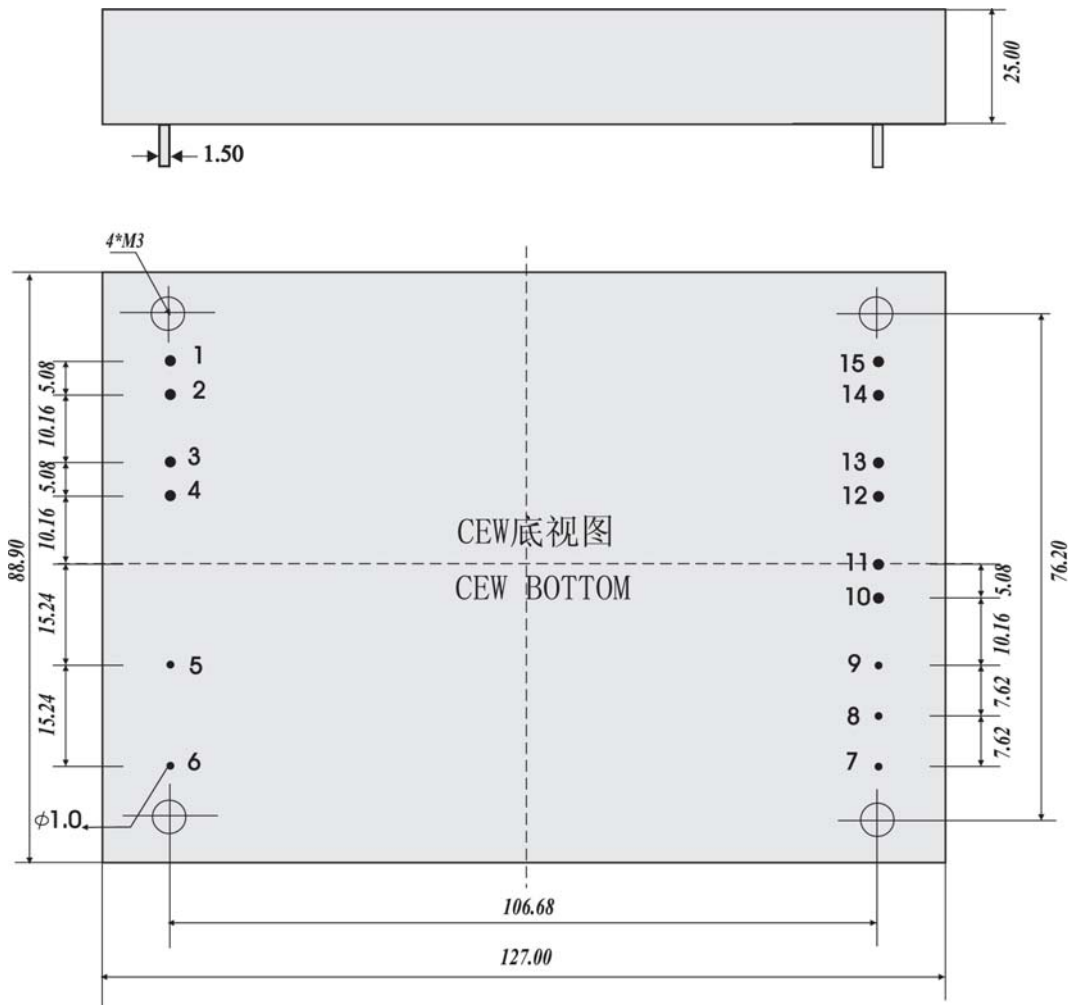
Heat Characteristic

Cooling	Thermal Resistance
Breeze of Nature	2.50 $^{\circ}\text{C}/\text{W}$
0.5M/S	2.09 $^{\circ}\text{C}/\text{W}$
1M/S	1.56 $^{\circ}\text{C}/\text{W}$
1.5M/S	1.13 $^{\circ}\text{C}/\text{W}$
2M/S	0.94 $^{\circ}\text{C}/\text{W}$

Models							
Input voltage (Vac)	Input Range	Output voltage (Vdc)	Output current (A)	Ripple and noise pk-pk(mv)	Efficiency Typical	Models	
220	176-264	5/5	5/5	50/50	82%	CEW50W220D05&05	
220	176-264	12/12	2.08/2.08	120/120	83%	CEW50W220D12&12	
220	176-264	15/15	2.5/2.5	150/150	84%	CEW75W220D15&15	
220	176-264	5/12	5/4.2	50/120	82%	CEW75W220D05&12	
220	176-264	12/12	3.12/3.12	120/120	84%	CEW75W220D12&12	

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

Mechanical drawing and pin definition



单位 (Unit) :mm

引脚 PIN	单路 SING
1	AC
2 3	NC
4	AC
5	Gr
6	NC
7	-SENSE
8	TRIM
9	+SENSE
10 11	-Vo2
12 13	GND
14 15	+Vo1