

75-150W

CSA 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
- Terminal connection method
- Easy installation
- Fast dynamic response



Input Characteristic

Voltage Range 220 VAC 176-264 VAC

Reverse Protection Connect Fuse Outside

Output Characteristic

Voltage Set-point Accuracy $\pm 1\%$

Line Regulation $\pm 0.2\%$

Load Regulation $\pm 0.4\%$

Temperature Coefficient $\pm 0.01\%/^{\circ}\text{C}$

Output Current Limiting 120%(Typ)

Dynamic Response 400 μs

Output Current 2-15A

Output Voltage 12-48V

Power 75-150W

General Characteristic

Switching Frequency 120 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

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

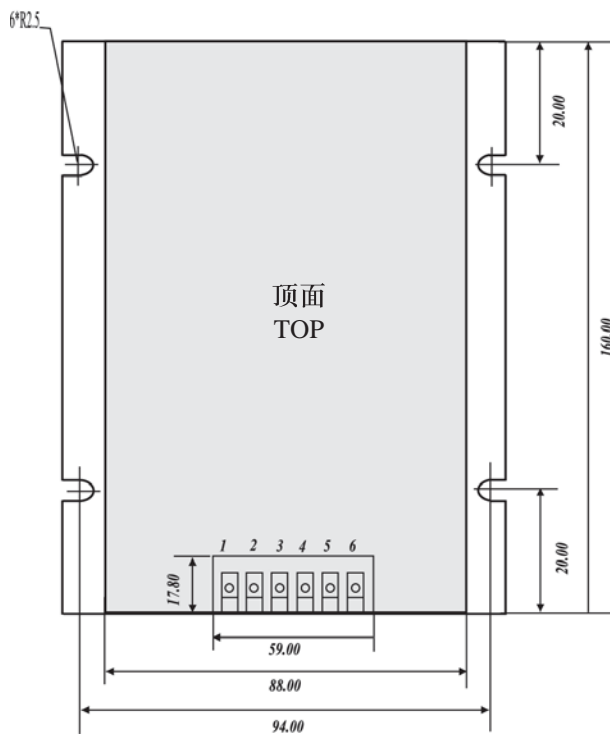
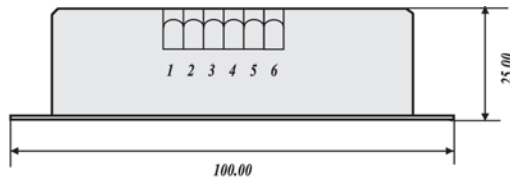
Cooling	Thermal Resistance
Breeze of Nature	1.8 $^{\circ}\text{C}/\text{W}$
0.5M/S	1.5 $^{\circ}\text{C}/\text{W}$
1M/S	1.1 $^{\circ}\text{C}/\text{W}$
1.5M/S	0.82 $^{\circ}\text{C}/\text{W}$
2M/S	0.67 $^{\circ}\text{C}/\text{W}$

Models

Input voltage (Vdc)	Input Range	Output voltage (Vdc)	Output current (A)	Ripple and noise pk-pk(mv)	Efficiency Typical	Models
220	176-264	05	15	50	84%	CSA75W220S05
220	176-264	12	6.25	120	85%	CSA75W220S12
220	176-264	15	6.67	150	86%	CSA100W220S15
220	176-264	24	4.17	200	86%	CSA100W220S24
220	176-264	24	6.25	200	86%	CSA150W220S24
220	176-264	28	5.36	280	87%	CSA150W220S28
220	176-264	48	2.08	400	87%	CSA100W220S48
220	176-264	48	3.13	400	87%	CSA150W220S48

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	<i>Acin</i>
2	<i>Acin</i>
3	<i>Gr.</i>
4	<i>NC</i>
5	<i>+Vo</i>
6	<i>-Vo</i>