

750-1500W

CKA 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	± 1%
Line Regulation	± 0.2%
Load Regulation	± 0.4%
Temperature Coefficient	± 0.01%/°C
Output Current Limiting	120%(Typ)
Dynamic Response	400μs
Output Current	6-50A 任选
Output Voltage	12-110V
Power	750-1500W

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 °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	0.40°C/W
0.5M/S	0.34°C/W
1M/S	0.25°C/W
1.5M/S	0.18°C/W
2M/S	0.15°C/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	12	41.67	120	85%	CKA500W220S12
220	176-264	15	33.33	150	85%	CKA500W220S15
220	176-264	24	20.83	200	86%	CKA500W220S24
220	176-264	24	31.25	200	86%	CKA750W220S24
220	176-264	28	26.78	280	86%	CKA750W220S28
220	176-264	48	20.83	400	87%	CKA1000W220S48
220	176-264	48	31.25	400	87%	CKA1500W220S48
220	176-264	110	9.09	800	87%	CKA1000W220S110

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

Mechanical drawing and pin definition

