

C series converter



1. Input and output complete isolation, safety and credibility.
2. Advance current control mode and stable & reliable circuit topological structure.
3. The key parts all adopt the imported components, and main technical indexes are much higher than the national related standards.

7. All-around protection functions, output over/under voltage, over current, short-circuit and over temperature protection of whole body
8. Adopt no-master automatic equalized current technology, can parallel connection, convenient to extend the capacity
9. AC and DC input are available, and AC and DC can be fully isolated by electricity

Model	C110DC/24DC-10A	C110DC/24DC-20A	C110DC/24DC-30A
DC Input rate voltage		110VDC	
DC Input voltage range		90~130Vdc	
Output rate voltage		24VDC	
Output voltage range		22V-30Vdc	
Output current	10A	20A	30A
Load regulation		≤0.2%	
Power grid regulation		≤0.1%	
Degree of imbalance for equalized current		≤±5%	
Phone weighted noise voltage		≤2mV (CCITT)	
Peak—peak noise		≤150mV	
Wide frequency noise		≤50mV	
Discrete noise		≤20mV	
Efficiency		≧ 83%	
Dynamic response		20% ~ 100% step load≤200Restoring time≤100uS	
Working temperature		- 5~45℃	
Cooling mode		Temperature control wind cooling	
MTBF		100,000Hour	
Weight		8Kg	
Dimension		482*240*88mm	

C series converter



1. Input and output complete isolation, safety and credibility.
2. Advance current control mode and stable & reliable circuit topological structure.
3. The key parts all adopt the imported components, and main technical indexes are much higher than the national related standards.

age, over current, short-circuit and over temperature protection of

whole body

5. Adopt no-master automatic equalized current technology, can parallel connection, convenient to extend the capacity
6. AC and DC input are available, and AC and DC can be fully isolated by electricity

Model	C48DC/48DC-50A	C220DC/48DC-40A	C110DC/48DC-40A
DC Input rate voltage	48VDC	220VDC	110VDC
DC Input voltage range	40~60Vdc	180~300Vdc	90~130Vdc
Output rate voltage	48VDC		
Output voltage range	43V-58Vdc		
Output current	50A	40A	40A
Load regulation	≤0.2%		
Power grid regulation	≤0.1%		
Degree of imbalance for equalized current	≤±5%		
Phone weighted noise voltage	≤2mV (CCITT)		
Peak—peak noise	≤150mV		
Wide frequency noise	≤50mV		
Discrete noise	≤20mV		
Efficiency	≥ 83%		
Dynamic response	20% ~ 100% step load≤200Restoring time≤100uS		
Working temperature	- 5~45℃		
Cooling mode	Temperature control wind cooling		
MTBF	100,000Hour		
Weight	8Kg		
Dimension	482*240*88mm		

C series converter



1. Input and output complete isolation, safety and credibility.
2. Advance current control mode and stable & reliable circuit topological structure.
3. The key parts all adopt the imported components, and main technical indexes are much higher than the national related standards.
4. All-around protection functions, output over/under voltage, over current, short-circuit and over temperature protection of whole body
5. Adopt no-master automatic equalized current technology, can parallel connection, convenient to extend the capacity
6. AC and DC input are available, and AC and DC can be fully isolated by electricity

Model	C220AC/48DC-40A	C110AC/48DC-40A
AC Input rate voltage	220VAC	110VAC
AC Input voltage range	180~300Vac	90~130Vac
Output rate voltage	48VDC	
Output voltage range	43V-58Vdc	
Output current	40A	40A
Load regulation	≤0.2%	
Power grid regulation	≤0.1%	
Degree of imbalance for equalized current	≤±5%	
Phone weighted noise voltage	≤2mV (CCITT)	
Peak—peak noise	≤150mV	
Wide frequency noise	≤50mV	
Discrete noise	≤20mV	
Efficiency	≅ 83%	
Dynamic response	20% ~ 100% step load≤200Restoring time≤100uS	
Working temperature	- 5~45℃	
Cooling mode	Temperature control wind cooling	
MTBF	100,000Hour	
Weight	8Kg	
Dimension	482*240*88mm	

C series converter



1. Input and output complete isolation, safety and credibility.
2. Advance current control mode and stable & reliable circuit topological structure.
3. The key parts all adopt the imported components, and main technical indexes are much higher than the national related standards.

7. All-around protection functions, output over/under voltage, over current, short-circuit and over temperature protection of whole body
8. Adopt no-master automatic equalized current technology, can parallel connection, convenient to extend the capacity
9. AC and DC input are available, and AC and DC can be fully isolated by electricity

Model	C220AC/24DC-50A	C110AC/24DC-50A
AC Input rate voltage	220VAC	110VAC
AC Input voltage range	180 ~ 300Vac	90 ~ 130Vac
Output rate voltage	24VDC	
Output voltage range	22V-30Vdc	
Output current	50A	
Load regulation	≤0.2%	
Power grid regulation	≤0.1%	
Degree of imbalance for equalized current	≤±5%	
Phone weighted noise voltage	≤2mV (CCITT)	
Peak—peak noise	≤150mV	
Wide frequency noise	≤50mV	
Discrete noise	≤20mV	
Efficiency	≧ 83%	
Dynamic response	20% ~ 100% step load≤200Restoring time≤100uS	
Working temperature	- 5 ~ 45 °C	
Cooling mode	Temperature control wind cooling	
MTBF	100,000Hour	
Weight	8Kg	
Dimension	482*240*88mm	