



Residential Hybrid Solar Inverter

CI-4K

*This product diagram is for reference only, the delivery in kind shall prevail!



High Conversion Efficiency



Max PV Input 5000W



Multi channels



MPPT



No Battery Mode



Short-Circuit Protection



BMS Function For Lithium Battery



Auto-Restart

MODEL	CI-4K	
INPUT		
Input Formation	L+N+PE	
Rated Input Voltage	220/230/240VAC	
Input Voltage Range	90-280VAC±3V(Normal Mode)170-280VAC±3V(UPS Mode)	
Frequency	50/60Hz(Adaptive)	
OUTPUT		
Rated Power	Battery Inverter	4000W
	PV Inverter	4000W
Output Voltage	220/230/240VAC±5%	
Output Frequency	50/60Hz±0.1%	
Output wave	Pure Sine Wave	
Transfer Time(Adjustable)	10ms for Computer Equipment,20ms for Household Equipment	
Peak Power	8000VA	
Overload Ability	11s@105%-150% Load ; 2s@150%-200% Load ; 400ms@>200% Load	
BATTERY		
Battery Voltage	24VDC	
Constant charging Voltage(Adjustable)	28.2VDC	
Float charging Voltage (Adjustable)	27VDC	
PV Charging Method	MPPT	
CHARGER		
Max PV Input	5000W	
MPPT Tracking Range	60-500VDC	
Best VMP Working Range	300-400VDC	
MAX PV Input Voltage	500VDC	
MAX PV Input Current	18A	
MAX PV Charge Current	120A	
MAX AC Charge Current	100A	
MAX Charge Current	120A	
DISPLAY		
LCD	Can display operating modes /load /input/ output,etc.	
INTERFACE		
Rs232	Baud Rate 2400	
Expansion Slot Communication interface	Lithium Battery BMS Communication Card WifiCard,Dry Contact	
AMBIENT TEMPERATURE		
Operating Temperature	-10°C-50°C	
Storage Temperature	-15°C-60°C	
Altitude	No more than 1000m, If 1000m<,Rate power will lower, MAX 4000m, Refer to IEC62040	
Operating Environment Humidity	20%-95% Non Condensing	
DIMENSION		
Noise	≤50db	
L*W*H(mm)	415*330*138mm	
Standards and Certifications	EN-IEC 60335-1,EN-IEC 60335-2-29,IEC 62109-1	

Product specifications are subject to change without further notice.