



Residential Hybrid Solar Inverter

CI-6.2K

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

 High Conversion Efficiency


 PV Input 8500W

 Multi Channels

 120A MPPT

 No Battery Mode

 Short-Circuit Protection

 Bms Function For Lithium Battery

 Auto-Restart

MODEL	CI-6.2K
INPUT VOLTAGE	
Input Formation	L+N+PE
AC Input	220/230/240VAC
Input Voltage Range	90-280VAC±3V(Normal Mode)170-280VAC±3V(UPS Mode)
Frequency	50/60Hz(Adaptive)
OUTPUT	
Rated Power	6200W
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	12400VA
Overload Ability	Battery Mode: 21s@105%-150% Load 11s@150%-200% Load 400ms@>200% Load
Rated Voltage	48VDC
BATTERY	
Constant charging Voltage(Adjustable)	56.4VDC
Float charging Voltage (Adjustable)	54VDC
PV Charging Method	MPPT
CHARGER	
PVInput	8500W
MPPT Tracking Range	60-500VDC
Best VMP Working Range	360-430VDC
MAX PV Input Voltage	500VDC
MAX PV Input Current	27A
MAX PV Charge Current	120A
MAX AC Charge Current	100A
MAX Charge Current	120A
DISPLAY	
LCD	Can display operating mode/load/input/output
INTERFACE	
RS232	5PIN/Pitch2.54mm, Baud Rate 2400
Expansion Slot Communication interface	Lithium Battery BMS Communication Card,WIFI 2x5PIN/Pitch2.54mm
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
Noise	≤50db
DIMENSION	
L*W*H(mm)	465*310*146mm
Standards and Certifications	EN-IEC 61000, EN-IEC 61683, IEC 62109-1, IEC 62109-2

Product specifications are subject to change without further notice.