



Residential Hybrid Solar Inverter

CI-3.5K
CI-4K
CI-6.2K
CI-11K

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



High Conversion Efficiency



Max PV Input
5000-11000W



Multi channels



(Dual) MPPT



No Battery Mode



Short-Circuit Protection



Bms Function For
Lithium Battery



Auto-Restart

MODEL		CI-3.5K	CI-4K	CI-6.2K	CI-11K
INPUT VOLTAGE					
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	3500W	4000W	6200W	11000W
	PV Inverter		4500W		
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		7000VA	8000VA	12400VA	22000VA
Overload Ability		5s@≥140% Load ; 10s@110%-140% Load ;	11s@105%-150% Load ; 2s@150%-200% Load ; 400ms @>200% Load ;	21s@105%-150% Load;11s@150%~ 200% Load;400ms@>200% Load	
BATTERY					
Battery Voltage		24VDC		48VDC	
Constant charging Voltage(Adjustable)		28.2VDC		56.4VDC	
Float charging Voltage (Adjustable)		27VDC		54VDC	
PV Charging Method		MPPT			MPPT*2
CHARGER					
Max PV Input		4500W	5000W	8500W	2*5500W
MPPT Tracking Range		60-500VDC			90-500VDC
Best VMP Working Range		300-400VDC		360-430VDC	300-400VDC
MAX PV Input Voltage		500VDC			
MAX PV Input Current		15A	18A	27A	18A/18A
MAX PV Charge Current		100A	120A		150A
MAX AC Charge Current		80A	100A		150A
MAX Charge Current		100A	120A		150A
DISPLAY					
LCD		Can display operating modes /load /input/ output,etc.			
INTERFACE					
Rs232		Baud Rate 2400		5PIN/Pitch2.54mm, Baud Rate 2400	
Expansion Slot Communication interface		RS232+RS485	Lithium Battery BMS Communication Card WifiCard,Dry Contact	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			
DIMENSION					
Noise		≤50db			
L*W*H(mm)		358*295*100mm	415*330*138mm	465*310*146mm	571*500*148mm
Standards and Certifications		EN-IEC 60335-1,EN-IEC 60335-2-29,IEC 62109-1			

Product specifications are subject to change without further notice.