

## Smart Inverter Series

Features :

- High frequency inverter, high efficiency, light weight
- Output power factor PF=1
- Support lithium battery activation and wake-up start function
- Support lithium battery, gel battery, VRLA battery
- Parallel Support, Maximum 9pcs
- Real-time display of actual load power
- Pure sine wave output, adaptable to different loads
- Output short circuit protection function
- According to user needs, many parameters can be adjusted



Model		10KW MPPT
Input	Input format	L+N+PE
	AC Input	208/220/230/240VAC
	Input Voltage Range	154-264VAC±3V (Normal Mode) 185-264VAC±3V (UPS Mode)
	Frequency	50Hz/60Hz(self-adaption)
Output	Rated Power	10000W
	Output voltage	208/220/230/240VAC±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	20000VA
	Overload Ability	Battery Mode: 1min@102%~110% Load 10s@110%~130% Load 3s@130%~150% Load 200ms@>150% Load
Peak efficiency	>94%	
Battery	Rated Voltage	48Vdc
	Constant charging voltage (adjustable)	56.4Vdc
	Float charging voltage (adjustable)	54Vdc
Charger	PV charging method	Double MPPT
	Max PV Input Wattage	2×5500W
	MPPT tracking range	120~500Vdc
	Best Vmp Working Range	300~400Vdc
	MAX PV Input Voltage	500Vdc
	MAX PV Input Current	20A/20A
	MAX PV Charge Current	100A+100A
	MAX AC Charge Current	100A+100A
MAX Charge Current	100A+100A	
Display	LCD	Can display operating mode/load/input/output
Communication Port	RS232	Baud rate 2400
	Expansion slot communication interface	Lithium battery BMS communication card, WIFI
	Parallel interface	Without Parallel
Ambient Temperature	Operating temperature	0~40°C
	Operating environment humidity	20%~95%
	Storage temperature	-15~60°C
	Altitude	The altitude should not exceed 1000m, with derating above 1000m and a maximum of 4000m. Refer to IEC62040
	Noise	≤50db
Physical parameters	Dimension (mm)	533x621x142
	Weight(Reference)KG	18,98
Standard&Certificate		EN-IEC 60335-1, EN-IEC 60335-2-29, IEC 62109-1