

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		5.5KW MPPT
Input	Input format	L+N+PE
	AC Input	220/230/240VAC
	Input Voltage Range	90-280VAC±3V (Normal Mode) 170-280VAC±3V (UPS Mode)
	Frequency	50Hz/60Hz(self-adaption)
Output	Rated Power	5500W
	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	11000VA
	Overload Ability	Battery Mode: 10.5s@110%~150% Load 5.5s@150%~200% Load 200ms@>200% Load
Battery	Peak efficiency	>94%
	Rated Voltage	48Vdc
	Constant charging voltage (adjustable)	56.4Vdc
Charger	Float charging voltage (adjustable)	54Vdc
	PV charging method	MPPT
	Max PV Input Wattage	5500W
	MPPT tracking range	120~500Vdc
	Best Vmp Working Range	300~400Vdc
	MAX PV Input Voltage	500Vdc
	MAX PV Input Current	20A
	MAX PV Charge Current	100A
Display	MAX AC Charging Current	60A
	MAX Charge Current	100A
Communication Port	LCD	Can display operating mode/load/input/output
	RS232	baud rate 2400
	Expansion slot communication interface	Lithium battery BMS communication card,WIFI
Ambient Temperature	Parallel interface	Parallel Support,Maximum 9pcs
	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
Physical parameters	Noise	≤50db
	Dimension (mm)	495x312x125
Standard&Certificate	Weight(Reference)KG	8.5
		EN-IEC 60335-1, EN-IEC 60335-2-29, IEC 62109-1