



Building the Solar World with
Technology & Wisdom

SOLAR INVERTER

-OFF GRID

3-6.2KW



WiFi



Intelligent Simple O&M



Efficient
Higher Revenue



Works with
and Without Battery



• Features



Lithium Battery Auto-restart Function
More Convenient for Lithium Battery Charging



Intelligent Power Supply Mode, intelligent
Distribution of Solar Panel/Mains Battery Power Shares



Utility Charging Voltage/PV Charging Voltage Adjustable,
Match Different Battery Charging Requirements



Battery Reverse Connection Protection With
Fuse Switch, Safer Installation



PF1.0, High Efficiency, Lower Consumption, Energy
Conservation/Environmenta Protection/Electricity Saving/Cost Saving



BMS function for lithium battery



Convenient Installation And Transportation

• Product Qualification



• Application



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Model		3000W	3600W	5500W	6200W
Inputvoltage	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	3000W	3600W	5500W	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	6000VA	7200VA	10000VA	22000VA
	Overload Ability	BatteryMode:21s@105%~150% Load 11s@150%~200%Load 400ms@>200% Load			
	Rated Voltage	24VDC		48VDC	
Battery	Constant Charging Voltage (Adjustable)	28.2VDC		56.4VDC	
	Float Charging Voltage (Adjustable)	27VDC		54VDC	
	PV Charging Method	MPPT			
Charger	Max PV Input	4200W		6200W	6200W
	MPPT Tracking Range	600-500VDC		600-500VDC	600-500VDC
	Best VMP Working Range	300-400VDC		300-400VDC	300-400VDC
	MAX PV Input Voltage	500VDC		500VDC	500VDC
	MAX PV Input Current	18A			
	MAX PV Charge Current	100A	100A	100A	120A
	MAX AC Charge Current	60A	80A	60A	100A
	MAX Charge Current	100A	120A	100A	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			
	Ork 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)	495*312*146mm			
Standards and Certifications		EN-IEC 60335-1,EN-IEC 60335-2-29,IEC 62109-1			



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(Mar 2024 V3 Edition)