

Hybrid SOLARINVERTER

- Lithium Battery/Auto-restart Function
- Intelligent Distribution of Solar Panel/Grid/Battery Power Shares
- PV/Grid Charging Voltage Adjustable to Match Different Battery
- Battery Reverse Connection Protection with Fuse Switch
- PF1.0, High Efficiency, Lower Consumption
- Low no-load loss
- Optional WIFI Monitoring
- Configurable Grid or Solar Input Priority
- High Precision of Output Voltage: $\pm 5\%$, Take Care of Your Application



Max PV Input



Max PV Voltage
500VDC



Works & Without Battery



Monitor & Control
(Optional)



Max Charging
Current
100/120/150A



Communication
Port RS232



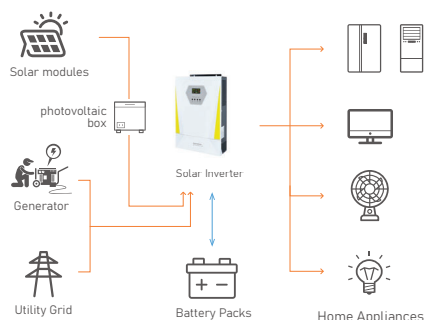
Pure Sine Wave

BMS

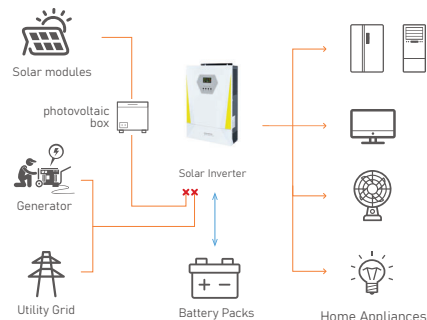
BMS

Solar System Connection

· Operation with battery connected
Solar Power and AC Power available



· Solar Power and AC Power not available



Model	2012	3024	4024	6248	11048
Rated Power	1600W	3000W	4000W	6200W	11000W
INPUT					
Voltage	L+N+PE/ 220/230/240VAC				
Selectable Voltage Range	170-280VAC(for personal computers) 90-280VAC(for home appliances)				
Frequency Range	50Hz/60Hz(Auto sensing)				
OUTPUT					
AC Voltage Regulation (Batt.Mode)	220/230/240VAC+5%				
Surge power	3200VA	6000VA	8000VA	12400VA	22000VA
Overload Ability	Battery Mode: 11s@105%-150% load		2s@150%-200%load	400ms@>200%load	
Transfer Time	10ms(for personal computers) 20ms(for home appliances)				
BATTERY & AC CHARGER					
Battery Voltage	12VDC	24VDC	24VDC	48VDC	48VDC
Floating Charge Voltage	13.5VDC	27VDC	27VDC	54VDC	54VDC
Over charge Protection	15VDC	31VDC	31VDC	61VDC	61VDC
Maximum AC charge current	60A	60A	100A	100A	150A
SOLAR CHARGER					
MAX.PV Array Power	2000W	3000W	5000W	6200W	2*5500W
MPPT Range	30-500VDC		60-500VDC		90-500VDC
Maximum PV Array Open Circuit Voltage	500VDC				
Maximum PV Input Current	13A	13A	18A	18A	18A/18A
Maximum Charge Current	100A	120A	100A	120A	150A
Display	LCD Interface, can display operating mode/load/input/output				
Communication Interface	RS232/RS485(Standard) WIFI(Optional)				
OPERATING ENVIRONMENT					
Humidity	5% to 95% Relative Humidity(Non-condensing)				
Operating Temperature	-10°C to 55°C				
Storage Temperature	-15°C to 60°C				