ZR Off Grid Solar Inverter

Feature

- Pure sine wave output;
- PV power input directly, independent power supply;
- Built-in MPPT controller, efficient use of PV power;
- AC power for compensation ensure loading continuous work;
- LCD real-time display, concisely and visually displays output data;
- RS232 or RS485 communication port optional ;

Application Area

- Provide stable, reliable and safe solutions for families, islands, ships and other small photovoltaic power systems

System Application Diagram

Technical Parameters

Model: ZR		302192	502192	103240	153240	203240
PV Input	Max Input Power	3500W	5500W	11KW	16KW	21KW
	Max Input Voltage	400V	400C	450V	450V	450V
	MPPT Voltage Range	200~380V	200~380V	240~420V	240~420V	240~420V
	Lowest Input Voltage	180V	180V	220V	220V	220V
	Max Input Current	20A	30A	20A*2	30A*2	40A*2
	Rated Input Current	15A	20A	15A*2	22A*2	31A*2
	Number of MPPT Trackers	1	1	2	2	2
AC Input	Voltage Range	94~127VAC/187~253VAC				
	Frequency Range	45Hz~65Hz				
	Phase	Single Phase				
Output	Rated Output Power	3000W	5000W	10KW	15KW	20KW
	Output Voltage(Battery Mode)	110VAC±2% / 220VAC±2%				
	Output Frequency(Battery Mode)	50/60Hz±1%				
	Output Wave(Battery Mode)	Pure Sine Wave				
	THD	Linear Load < 3%				
	Phase	Single Phase				
Display		LCD				
Cooling Method		Forced air cooling				
Protection		Over load/Over current/Short-circuit/High temperature/Input low voltage/Input hight voltage				
Communication		RS232/RS485 (Optional)				
Environment	Noise	< 65dB				
	Temperature	0℃~40℃ (Less load when temperature over)				
	Humidity	0%~95% (No condensation)				
	Height	2000m (Less load when height over)				

Note: 1. Specifications are subject to change without prior notice;
2. Special voltage and power requirements can be customized according to the actual situation of users.