Hybrid Inverter (Off-Grid)

- Wide PV Input Voltage
- Fast Transfer Time
- Pure Sine Wave
- BMS — Support Lithium Battery
- Lithium Battery Activation
- MPPT — Integrated MPPT Controller
- LCD — LCD Display
- Independent Operation Without Battery



Model	FH-5000	FH-5500	FH-6200
Rated Power	5KVA/5kW	5.5KVA/5.5kW	6.2KVA/6.2kW
Parallel Capability		No	
AC Output			
Voltage(Battery Mode)		Single phase 220VAC/230VAC/240VAC can be set，±5%	
Conversion Efficiency(Peak)		93%	
Switchover Time		10ms(PC)；20ms(Home)	
Wave		Pure sine wave	
Battery Input			
Battery Voltage		48VDC	
Float Voltage		54VDC	
Overvoltage Protection		63VDC	
Solar Charger			
Max. Input Power	5kW	5.5kW	6.5kW
MPPT Voltage Range		60~450VDC	
Max. Input Voltage		320VDC/500VDC	
Max. Input Current	18A	18A	27A
AC Charger			
AC Input Voltage		230VAC	
Voltage Range		110~280VAC (Home appliance)/170~280VAC (PC)	
Frequency Range		50 Hz/60 Hz(Adaptive)	
Max. Charge Current		40A/80A	
General Data			
Weight		9.5kg	
Packaging Size		L 590*W 380*H 200mm	
Communication Interface		RS485	
Appearance		With LCD screen	
Max.Charge Current	100A	100A	120A
Operating Environment			
Operating Temperature		-10°C ~ +50°C	
Storage Temperature		-15°C ~ +50°C	
Humidity		5%~95%Relative humidity(Non-condensing)	
Protection Level		IP21	

*Images for reference only, please refer to the actual product photos corresponding to your order.

*Specifications are subject to change without prior notice; please refer to the specifications in your actual order.