

Hybrid Inverter (Off-Grid)

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



Model	FH-3000	FH-3500	FH-4200
Rated Power	3kVA/3kW	3.5kVA/3.5kW	4.2kVA/4.2kW
System Voltage	24VDC		
AC Output			
Voltage(Battery Mode)	single phase 220VAC/230VAC/240VAC can be set, ±5%		
Conversion Efficiency(Peak)	93%		
Switchover Time	10ms(Home); 20ms(PC)		
Wave	Pure sine wave		
Battery Input			
Battery Voltage	24VDC		
Float Voltage	27VDC		
Overvoltage Protection	33VDC		
Solar Charger			
Max. Input Power	3.5kW	4kW	4kW
MPPT Voltage Range	60~450VDC		
Max. Input Voltage	500VDC		
Max. Input/Charge Current	18A/80A		
AC Charger			
AC Input Voltage	230VAC		
Voltage Range	90~280VAC (Home appliance)/170~280VAC (PC)		
Frequency Range	50 Hz/60 Hz(Adaptive)		
Max. Charge Current	40A/60A		
General Data			
Weight	9kg		
Packaging Size	L420*W315*H145mm		
Communication Interface	RS485		
Appearance	With LCD screen		
Operating Environment			
Operating Temperature	0°C ~ +50°C		
Storage Temperature	-30°C ~ +70°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.