

Hybrid Inverter (Off-Grid)

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



Model	FH-3000-24	FH-3500-24
Rated Power	3KVA/3kW	3.5KVA/3.5kW
System Voltage	24VDC	
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	24VDC	
Float Voltage	27VDC	
Overvoltage Protection	33VDC	
Solar Charger		
Max. Input Power	1500W	
MPPT Voltage Range	30~160VDC	
Max. Input Voltage	160VDC	
Max. Input/Charge Current	40A/60A	
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	80A	
General Data		
Packaging Size	L420*W315*H145mm	
Communication Interface	RS485	
Appearance	With LCD screen	
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.