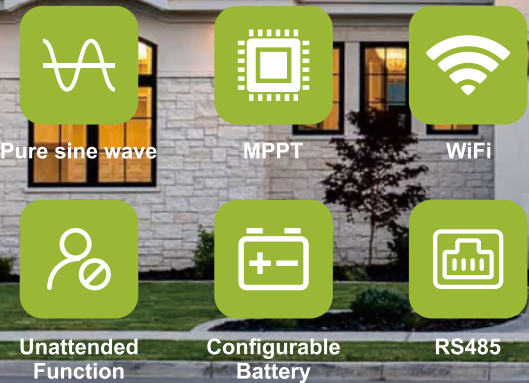




WF SERIES

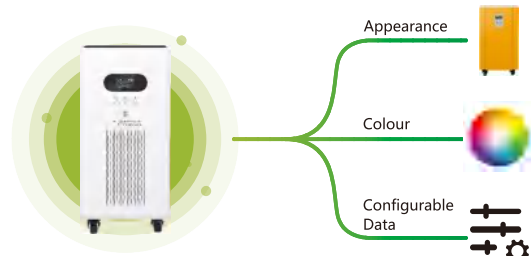
LOW FREQUENCY INVERTER / HYBRID INVERTER



Features

- With Toroidal low-loss transformer, high-efficiency inverter conversion, pure sine wave output.
- Intelligent LCD display.
- The adjustable mains charging current range is 0-20A.
- Provide adjustable working modes: mains priority, inverter priority.
- Optional built-in PWM or MPPT solar controller to achieve high-efficiency charging.
- Support diesel and gasoline generators, suitable for various grid power.
- Support RS485 communication /mobile APP (optional).

OEM/ODM



Application



WF Low Frequency Inverter/ Hybrid Inverter 700W-40KW



Technical Parameters

Model:WF	70112/24	10212/24	15224/48	20224/48	30224/48	35248/96	40248/96	50248/96	60248/96	70248/96/192
Power										
Rated Power	700W	1000W	1500W	2000W	3000W	3500W	4000W	5000W	6000W	7000W
Phase Type	Single phase L-N									
Battery										
Standard Battery Voltage	12/24VDC	12/24VDC	24/48VDC	24/48VDC	24/48VDC	48/96VDC	48/96VDC	48/96VDC	48/96VDC	48/96/192VDC
Battery Type	Lead-acid battery / Lithium battery / Custom battery									
Built-in Controller MPPT(optional)										
Rated Current	30A			60A			48V:100A,96V:60A			
Maximum PV Input Power	12V(420W) / 24V(840W) / 48V(1680W)			24V(1680W) / 48V(3360W) / 96V(6720W)			48V (5600W) /96V(6720W)			
Max PV Input Voltage(Voc) (At The Lowest Temperature)	12V/24V system : 120VDC ; 48V system : 180VDC ; 96V system : 300VDC									
MPPT Tracking Voltage Range	12V system (15V-80V) ; 24V system (30V-100V) ; 48V system (60V-140V) ; 96V system (120V-240V)									
Dimensions and Weight										
Product Size(L*W*Hmm)	340*165*283			410*200*350			491*260*490			
Packing Size(L*W*Hmm)	405x230x340(1PC) / 475x415x350(2PC)			475*265*410			545*315*550			
N.W.(kg)	9.5(1PC)	10.5(1PC)	11.5(1PC)	17	20.5	21.5	29	30	31.5	36
G.W.(kg)	11(1PC)	12(1PC)	13(1PC)	19	22.5	23.5	32	33	34.5	39
Model:WF	80248/96/192	10348/96/192	12348/96/192	153192	203192	253240	303240	403384		
Power										
Rated Power	8KW	10KW	12KW	15KW	20KW	25KW	30KW	40KW		
Battery										
Standard Battery Voltage	48/96/192VDC	48/96/192VDC	48/96/192VDC	192VDC	192VDC	240VDC	240VDC	384VDC		
Battery Type	Lead-acid battery / Lithium battery / Custom battery									
Built-in Controller MPPT(optional)										
Rated Current	48V:100A, 96V:100A, 192V:50A			100A			100A			
Maximum PV Input Power	48V(5600W)/96V(11.2KW)/192V(11.2KW)			192V(11.2KW*2)/240V(14KW*2)			240V(14KW*2)/384V(22.4KW*2)			
Max PV Input Voltage(Voc) (At The Lowest Temperature)	48V system : 180VDC ; 96V system : 300VDC ; 192V system : 450VDC ; 240V system : 500VDC ; 384V system : 800VDC									
MPPT Tracking Voltage Range	48V system (60V-140V) ; 96Vsystem (120V-240V) ; 192Vsystem (240V-360V) ; 240Vsystem (300V-400V) ; 384Vsystem (480V-640V)									
AC Input										
Rated Input Voltage	110VAC/120VAC/220VAC /230VAC/ 240VAC									
AC Input Voltage Range	73VAC~138VAC (110VAC) / 83VAC~148VAC (120VAC) / 145VAC~275VAC (220VAC) / 155VAC~285VAC (230VAC) / 165VAC~295VAC (240VAC) (700W~7000W) 92VAC~128VAC (110VAC) / 102VAC~138VAC (120VAC) / 185VAC~255VAC (220VAC) / 195VAC~265VAC (230VAC) / 205VAC~275VAC (240VAC) (8KW~40KW)									
AC Input Frequency	45Hz~55Hz (50Hz) , 55Hz~65Hz (60Hz)									
AC Output										
Output Wave	Pure Sine Wave									
Conversion Efficiency	> 85%									
AC Output Voltage / Frequency Range (INV Mode)	110VAC±2% / 120VAC±2% / 220VAC±2% / 230VAC±2% / 240VAC±2% , 50/60Hz±1%									
Other										
Protection	Battery undervoltage protection/Battery overvoltage protection/Overload power protection/ Inverter output short circuit protection/Temperature protection									
Protection Degree	IP20									
Display	LCD									
Cooling Method	Cooling Fan in Intelligent Control									
Communication	RS485/APP (WIFI monitoring or GPRS monitoring)									
Working Mode(settable)	Battery Priority/Mains Priority									
Operating Temperature	-15℃~40℃									
Relative Humidity	0%~95% ,(No Condensation)									
Dimensions and Weight										
Product Size(L*W*Hmm)	540*350*695			593*370*820			721*400*1002			
Packing Size(L*W*Hmm)	600*410*810			656*420*937			775*465*1120			
N.W.(kg)	66	70	77	110	116	123	167	192		
G.W.(kg)	77	81	88	124	130	137	190	215		

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.