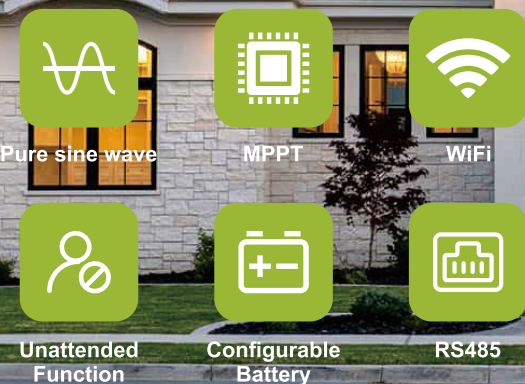


# WF SERIES

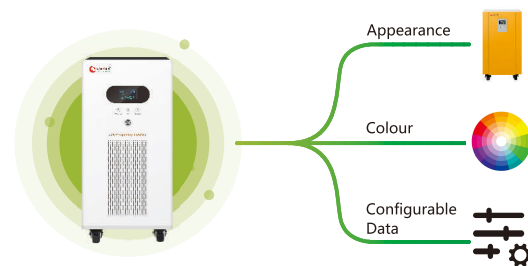
## LOW FREQUENCY INVERTER / HYBRID INVERTER



### 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



### 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
<b>Power</b>										
Rated Power	700W	1000W	1500W	2000W	3000W	3500W	4000W	5000W	6000W	7000W
Phase Type	Single phase L-N ; Above 8kw Split phase can be customized L1-L2, L1-N, L2-N									
<b>Battery</b>										
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									
<b>Built-in Controller MPPT(optional)</b>										
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 : 280VDC									
MPPT Tracking Voltage Range	12V system ( 15V-80V ) ; 24V system ( 30V-100V ) ; 48V system ( 60V-140V ) ; 96V system ( 120V-220V )									
<b>Dimensions and Weight</b>										
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
<b>Model:WF</b>	<b>80248/96/192</b>	<b>10348/96/192</b>	<b>12396/192</b>	<b>153192</b>	<b>203192</b>	<b>253240</b>	<b>303240</b>	<b>403384</b>		
<b>Power</b>										
Rated Power	8KW	10KW	12KW	15KW	20KW	25KW	30KW	40KW		
<b>Battery</b>										
Standard Battery Voltage	48/96/192VDC	48/96/192VDC	96/192VDC	192VDC	192VDC	240VDC	240VDC	384VDC		
Battery Type	Lead-acid battery / Lithium battery / Custom battery									
<b>Built-in Controller MPPT(optional)</b>										
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 : 280VDC ; 192V system : 450VDC ; 240V system : 500VDC ; 384V system : 800VDC									
MPPT Tracking Voltage Range	48V system ( 60V-140V ) ; 96Vsystem ( 120V-220V ) ; 192Vsystem ( 240V-360V ) ; 240Vsystem ( 300V-400V ) ; 384Vsystem ( 480-640V )									
<b>AC Input</b>										
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 )									
<b>AC Output</b>										
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%									
<b>Other</b>										
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°C~40°C									
Relative Humidity	0%-95% ,(No Condensation)									
<b>Dimensions and Weight</b>										
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.