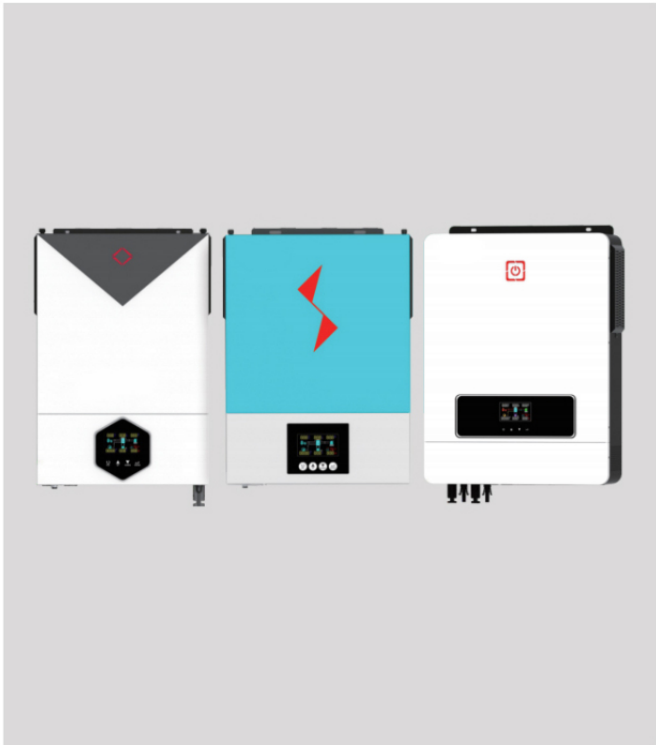


HGM IV W SERIES

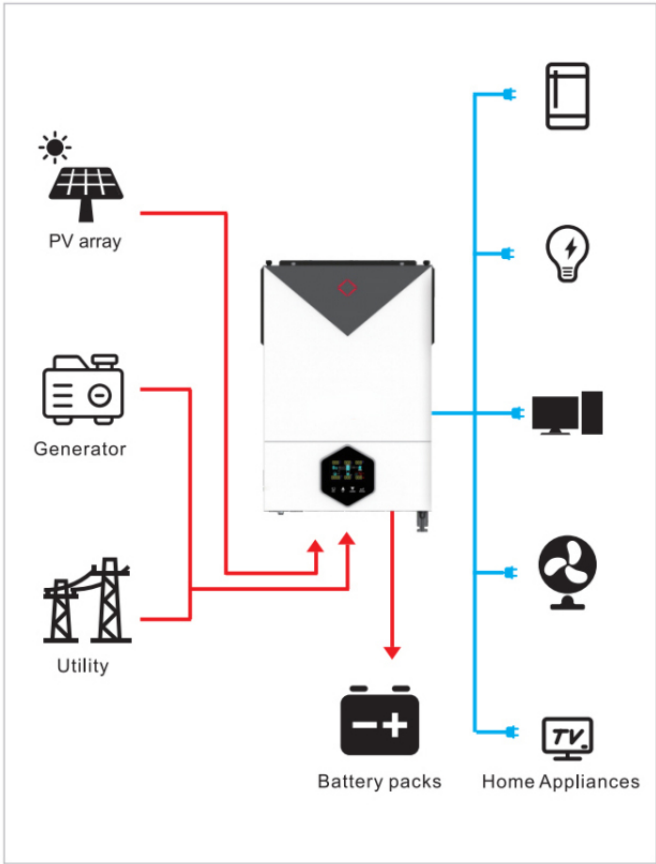
High frequency grid connected and off grid integrated machine



Product Description

- Pure sine wave solar inverter (on / offgrid)
- Output power factor 1.0
- WIFI & GPRS available for IOS and android
- Inverter running without battery
- One - click restoration to factory settings
- Built - in lithium battery automatic activation
- Built - in 120A MPPT solar charger
- High PV input voltage range (90-450VDC)
- Built in anti-aging kit, suitable for harsh environments
- Smart battery charge design to optimize battery life
- Dual output (v2.0)

Solar System Connection



RGB lighting for different working mode

LCD DISPLAY

RGB automatically switches with the working mode of the inverter:

- Battery mode: red;
- Utility mode: blue;
- PV mode: purple;
- off grid
- hybrid
- on grid
- inputload
- Red-Battery Mode
- Blue-Utility Mode
- Purple-PV Mode

HGM IV W SERIES

High frequency grid connected and off grid integrated machine



Technical Specifications

MODEL	JINGSUN JS3.6K-HY-EU	JINGSUN JS6.2K-HY-EU	JINGSUN JS7K-HY-EU	JINGSUN JS10K-HY-EU
Phase	Single phase			
Maximum PV Input Power	6200W	8500W	10000W	12000W
Rated Output Power	3600W	6200W	7000W/7000VA	10000W/10000VA
Grid Connected Operation				
PVInput(DC)				
Nominal DCVoltage/Maximum DCVoltage	360VDC/500VDC			
Start-up Voltage/Initial Feeding Voltage	90VDC/120VDC			
MPPT Voltage Range	90VDC~450VDC			
Number of MPPT Trackers/Maximum Input Current	2/18A			
GRID OUTPUT(AC)				
Nominal Output Voltage	220/230/240VAC			
Output Voltage Range	195.5~253VAC			
Nominal Output Current	15.7A	27.0A	35.6A	44.3A
Power Factor	>0.99			
Grid Input Frequency Range	59-61±1Hz		49-51±1Hz	
EFFICIENCY				
Maximum Conversion Efficiency(DC/AC)	98%			
Output Load Power (V2.0)				
Full Load	3600W	6200W	7000W	10000W
Main Load Cut Off Voltage	22VDC	44VDC	44VDC	44VDC
Main Load Recovery Voltage	24VDC	48VDC	48VDC	48VDC
OFF-GRID OPERATION				
AC INPUT				
AC Start-up Voltage/Auto Restart Voltage	120-140VAC/180VAC			
Acceptable Input Voltage Range	90-280VAC or 170-280VAC			
Maximum AC Input Curren	30A	40A	40A	50A
Nominal Operating Frequency	50/60Hz			
Peak Power	7200W	12400W	16400W	20400W
BATTERY MODE OUTPUT(AC)				
Nominal Output Voltage	24VDC	48VDC	48VDC	48VDC
Wavefrom	Pure sine wave			
Efficiency(DCto AC)	94%			
BATTERY&CHARGER				
Nominal DC Voltage	24VDC	48VDC	48VDC	48VDC
Maximum Solar Charing Current	120A	120A	160A	180A
Maximum AC Charging Current	100A	100A	140A	160A
PHYSICAL				
Dimension,D*W*H	420*310*110mm		537*390*130mm	
Net Weight(kg)	10	11	14.2	14.5
Communication Port	RS232/WIFI (Optional)			
ENVIRONMENT				
Humidity	5%~95%			
Operating Temperature	-10~50℃			