

## GSII 4-6KW Solar Hybrid Inverter

Enhanced functions setting via intelligent design LCD.

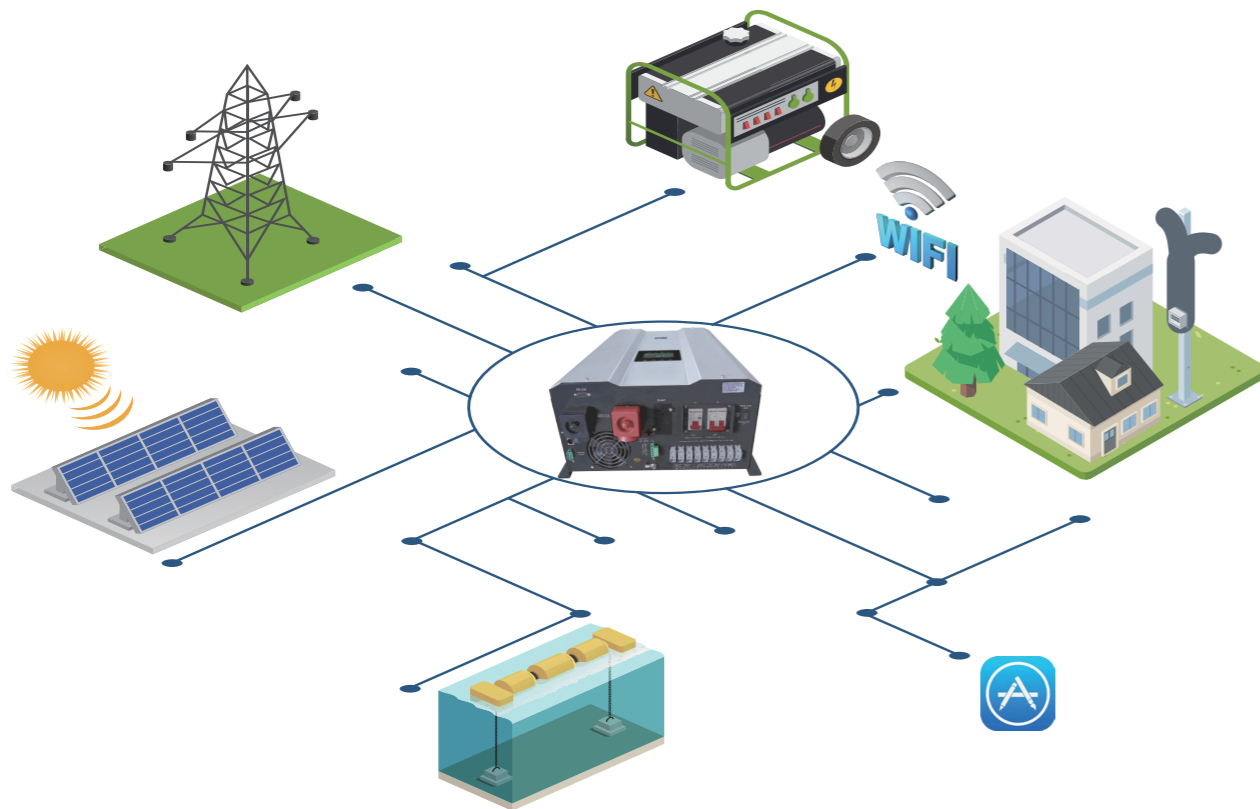
High efficiency, high peak power and Strong overload capacity.

Select AC/Solar input priority via LCD setting.

Generator start (Dry contact) when No AC or battery low voltage.

Smart fan control to reduce power consumption and noise.

Built-in pure copper low frequency transformer.



## Specifications

MODEL	GSII4K-24-60A	GSII5K-24-60A	GSII6K-24-60A	GSII4K-48-60A	GSII5K-48-60A	GSII6K-48-60A
Rated Power	4000W	5000W	6000W	4000W	5000W	6000W
Surge Power	12KW	15KW	18KW	12KW	15KW	18KW
<b>AC INPUT</b>						
Input Voltage Waveform	Sinusoidal (utility or generator)					
Nominal Input Voltage	L-N : 220/230/240VAC					
Input Voltage Range	Normal : 180-270VAC ; Wide : 140-270VAC					
Input Frequency Range	50Hz:46~56Hz ; 60Hz:56~67Hz;					
<b>AC OUTPUT</b>						
Power Factor	0.9~1.0					
Nominal output Voltage	L-N : 208/220/230/240VAC±10%RMS					
Nominal output Frequency	50/60Hz±0.3 (LCD Adjustable)					
Wave Form	Pure sine Wave					
Transfer time (Max)	15ms (DC to AC) ; 20ms (AC to DC)					
<b>BATTERY</b>						
Nominal Battery voltage	24.0VDC		48.0VDC			
Low Battery shut-down	20.0VDC		40.0VDC			
Floating Charging Voltage	27.4VDC		54.8VDC			
High-voltage protection	32.0VDC		64.0VDC			
<b>Efficiency</b>						
Efficiency (Battery mode)	≥87%					
Efficiency (Line mode)	>98%					
<b>Solar Charger &amp; AC Charger</b>						
Solar Charger Type	MPPT					
PV Input Max Power	1750W		3500W			
PV operating voltage range	30-70V		60-145V			
Max. PV Voltage	75V		150V			
Max Solar Charging Current	60A	60A	60A	60A	60A	60A
Max AC Charging Current	70A	70A	70A	50A	50A	50A
<b>PHYSICS</b>						
Dimension L*W*H(mm)	572*441*205					
Net weight(kg)	34.5	36.5	39.5	34.5	36.5	39.5
Communications interface	RS232/Dry-contact					
Operating Humidity	5% to 95% Relative Humidity(non-condensing)					
Operating Temperature	-10~45 C					
Storage temperature	-15-60 C					
<b>STANDARD</b>						
Safety certification	CE /ETL					

Product specifications are subject to change without further notice.

