



GSC-S2K / 3K

- Pure Sine Wave Solar Inverter
- Support WiFi
- Built-In MPPT Solar Charge Controller
- With BMS Communication Port
- Compatible to Generator
- Selectable Charging Current Based On Applications
- Frequency 50/60 Hz Setting Optional
- Support AC/PV/Battery Priority Mode

PARAMETER TABLE

MODEL	GSC-S2K		GSC-S3K	
AC INPUT				
Voltage	110VAC			
Selectable Voltage Range	77-132VAC±3V (Standard Mode) 92-132VAC±3V (UPS Mode)			
Frequency Range	50/60Hz ± 5%			
INVERTER OUTPUT				
Rated Power	1600W		2400W	
Surge Power	4800W		7200W	
Output Voltage	110VAC ± 10%			
Load Peak Ratio	(MAX) 3:1			
Output Frequency	50/60Hz ± 1%			
Output Wave	Pure Sine Wave			
BATTERY				
Battery Type	External lead-acid battery, gel battery, water battery or lithium battery			
Battery Voltage	12VDC		24VDC	
Folating Charging Voltage	13.7VDC		27.4VDC	
Low Battery Cut Off Protection Voltage	10.5VDC		21VDC	
SOLAR CHARGER				
Maximum PV Array Power	800W		1600W	
Solar Input Voltage Range	MPPT 15-150VDC		MPPT 30-150VDC	
Maximum PV Display Open Circuit Voltage	150VDC			
Maximum Solar Charging Current	60A			
CHARGER				
Max AC Charge Current	66A (default 53A)		50A (default 40A)	
Output Voltage	Depends on battery type			
OTHERS				
Transfer Time	≤10ms (UPS Mode) / ≤20ms (INV Mode)			
Protective Function	Under the utility: input overcurrent with fuse protective function; Under inversion: overload protection, short circuit protection, low voltage protection, battery anti-reverse connection protection.			
Status Display	Parameters can be viewed such as AC voltage, AC frequency, PV voltage, PV current, output voltage, output frequency, battery voltage, load current and other parameters by turning the screen pages; LED displays mains power, charging status, inversion status, and fault status.			
Voice Prompt	Low battery protection: buzzer beeps for long time; Low battery: buzzer beeps every second; Machine fault/ Overload: buzzer beeps; When the overload is less than 130%, the buzzer will sound every second,and the output will be turned off after 30s. When the overload over 150%, the output will be turned off after 300ms.			
Operating Temperature	-10°C~50°C			
Storage Temperature	-15°C~45°C			
Relative Temperature	-10°C~90°C non condensation			
Noise	<45db			
Display	LED + LCD Display			

