

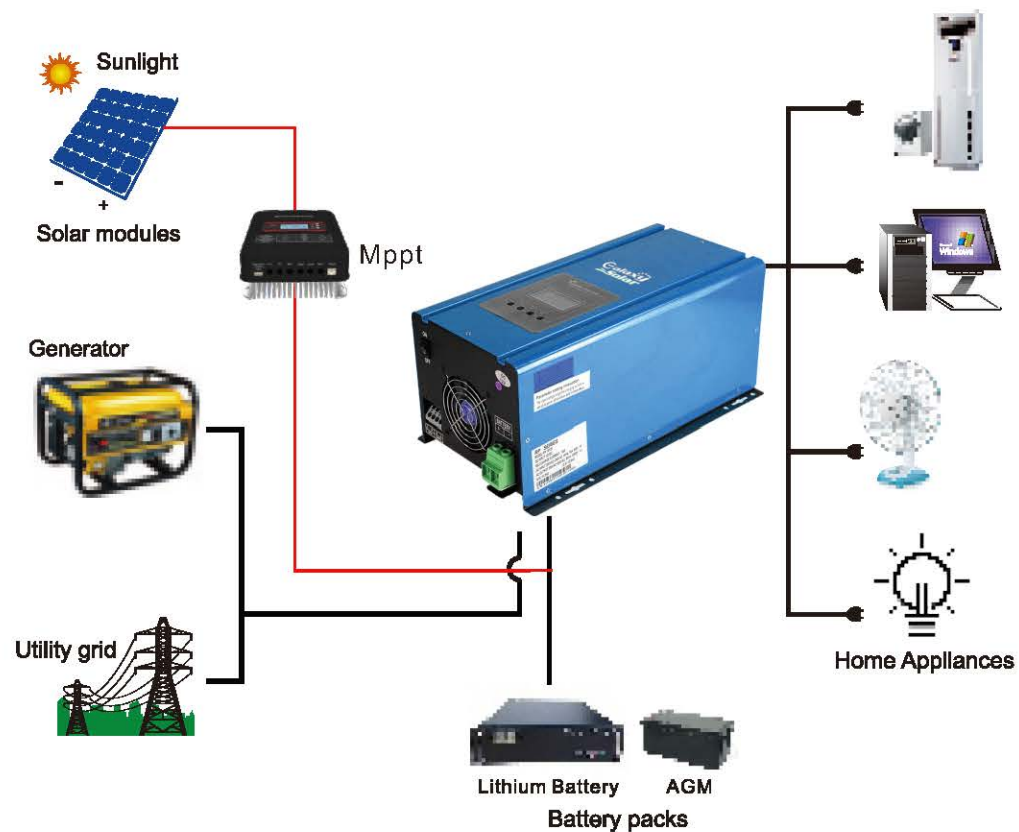
MGSP-5K



Features:

- Pure sine wave inverter
- Output power factor 1
- Selectable high power charging current
- Selectable input voltage range for home appliances and personal computers
- Configurable AC/Battery input priority via LCD setting
- Compatible with generator power
- Dry contact port for generator to realize mutual control by generator and utility
- Auto restart while AC is recovering
- Overload and short circuit protection
- Smart battery charger design for optimized battery performance
- Cold start function
- Smart fan running control to extend service life and reduce noise
- Color LCD display
- supports the use lithium batteries
- Wave by wave phase detection, more stable and reliable
- RS232 Communicate port and remote control panel optional

SOLUTION



Model	GP-1K	GP-2K	GS-3K	GS-4K	GS-5K	GS-6K	GS-8K	GS-10K	GS-12K	
Rated Power	1000VA/1000W	2000VA/2000W	3000VA/3000W	4000VA/4000W	5000VA/5000W	6000VA/6000W	8000VA/8000W	10000VA/10000W	12000VA/12000W	
AC INPUT										
Normal Voltage	100/110/120VAC;220/230/240VAC									
AC Voltage range(Selectable)	Wide Range:75VAC-138VAC;155VAC-275VAC (For home appliances) Narrow Range:82VAC-138VAC;165VAC-275VAC(For personal computer)									
Frequency Range	40-70Hz(50/60Hz)									
Battery										
Normal Voltage	12V	24V	12V/24V/48V	24V/48V	24V/48V	24V/48V	48V/96V	48V/96V	48V/96V	
Charge Current	35A	35A	75A/50A/25A	70A/35A	75A/45A	75A/50A	70A/35A	75A/40A	75A/50A	
Float Charge Voltage	13.7V for 12V (*2 for 24V,*4 for 48V,*8 for 96V)									
Fast Charge Voltage	14.3V for 12V (*2 for 24V,*4 for 48V,*8 for 96V)									
Low Voltage Alarm	10.5V for 12V (*2 for 24V,*4 for 48V,*8 for 96V)									
Over Voltage Protection	16.5V for 12V (*2 for 24V,*4 for 48V,*8 for 96V)									
Low Voltage protection	10V for 12V (*2 for 24V,*4 for 48V,*8 for 96V)									
Output Data										
Normal Voltage(Batt.Mode)	100/110/120VAC(±5V);220/230/240VAC(±10V)									
Normal Frequency	50/60Hz									
Waveform	Pure Sine Wave									
Switch Time	20ms	20ms	10ms	10ms	10ms	10ms	20ms	20ms	20ms	
Surge Power	2000VA	4000VA	9000VA	12000VA	15000VA	18000VA	24KVA	30KVA	36KVA	
Efficiency(Peak)	88%	91%	91%	91%	91%	91%	90%	90%	90%	
Function&Interface										
Protection	Over Charging,Over Temp,Over Battery Voltage,Over Load,Short-Circuit									
Operating Temperature	55℃									
Cooling	Intelligent Fan									
Specification Setting	By LCD or Position Machine: Charge current,Battery Type,Input Voltage,Output Frequency,Wide and Narrow range of AC input voltage,Power-saver Model,AC Priority or Battery Priority									
Display	Color LCD									
Dry Connector	YES									
Warranty	1 Years									
Physical										
Dimensions(D/W/H)	390*220*178mm		500*258*190mm		574*345*197mm			584*425*180mm		
Weight	11.4kg	15kg	25.2/24.6kg	34.4/33.8kg	37.9/38.2kg	41.6/40.5kg	58.7/59kg	67/66.5kg	71.8/72kg	
Protection Degree	IP20									
Relative Humidity	5%~95% Relative Humidity(non-condensing)									
Operating Temperature	-10℃~50℃									
Storage Temperature	-15℃~60℃									