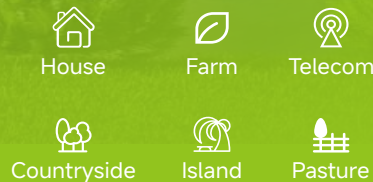


SOLAR STORAGE INVERTER



Solar Inverter



FEATURES

- Adopt DSP full digital control mode
- High precision MPPT controller.
- The battery has a balanced charging mode
- Battery can use PV maximum to input voltage 500Vdc or not use.
- Both are configured the grid and PV prioritize.
- Monitoring system WIFI/GPRS option
- Support 6 machines in parallel, constitute three-phase four-wire power generation system.
- If the photovoltaic power is insufficient, the photovoltaic can be combined with the power grid and battery to supply the load
- Economic model can be used to charge and discharge the inverter.
- Power grid and oil machine can be freely selected.

Model	GYSM-5K-US
Battery Input/ Output Data	
Battery Voltage	48VDC
Hybrid Charging	100A
Maximum Charging Current	
Battery Type	Lithium/Lead-acid
Solar Input Data	
Maximum PV Input Power	7700W
MPPT Range @ Operating Voltage	120VDC ~450VDC
Maximum PV Input Current	22A
Number of Independent MPP Trackers/Strings Per MPP Tracker	1/2
Maximum PV Open-circuit Voltage	500VDC
Maximum Solar Charge Current	100A
AC Output Data Rated	
Power	5000VA/5000W
Parallel Capability	Yes, 6 units maximum
AC Voltage Regulation	120VAC \pm 5% @ 50/60Hz
Surge Power	10000VA
Efficiency (Peak)	93%
Waveform	Pure sine wave
Transfer Time	10ms typical, 20ms Max
AC Charger Data	
Charge Current	60A
AC Input Voltage	120 VAC
Selectable Voltage Range	170~280 VAC (For Personal Computers) ; 90~280 VAC (For Home Appliances) 50Hz/60Hz
Frequency Range	50HZ/60HZ(Auto sensing)
PHYSICAL Data	
Protection Degree	IP20
Dimension (L/W/D)	485(L)x345(W)x124(D)mm
Packaging Dimension (L/W/D)	612(L)x424(W)x208(D)mm
Net Weight	16KG
OPERATING ENVIRONMENT Data	
Certificate	UL1741/FCC
Humidity	5% to 95% Relative Humidity(Non-condensing)
EMC Certification Level (EMC)	FCC
Altitude	<2000m
Operating Temperature	0°C~+55°C
Storage Temperature	-15°C~+60°C