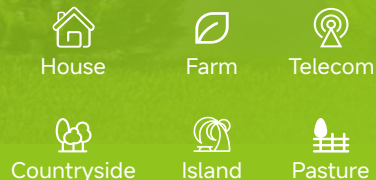




Solar Inverter

GSMP 8/10K-US

SOLAR STORAGE 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	GYSMP-8K-US	GYSMP-10K-US
Battery Input/ Output Data		
Battery Voltage	48VDC	48VDC
Hybrid Charging	8K(180A)	10K(200A)
Maximum Charging Curren		
Battery Type	Lithium/Lead-acid	Lithium/Lead-acid
Solar Input Data		
Maximum PV Input Power	2*7700W	2*7700W
MPPT Range @ Operating Voltage	120VDC -450VDC	120VDC -450VDC
Maximum PV Input Current	22A*2	22A*2
Number of Independent MPP Trackers/ Strings Per MPP Tracker	2/2	2/2
Maximum PV Open-circuit Voltage	500VDC	500VDC
Maximum Solar Charge Current	8K(160A)	10K(200A)
AC Output Data Rated		
Power	8000VA/8000W	10000VA/10000W
Parallel Capabilitye	Yes, 6 units maximum	Yes, 6 units maximum
AC Voltage Regulation	120VAC ± 5% @ 50/60Hz	
Surge Power	16000VA	20000VA
Efficiency (Peak)	93%	93%
Waveform	Pure sine wave	Pure sine wave
Transfer Time	10ms typical, 20ms Max	10ms typical, 20ms Max
AC Charger Data		
Charge Current	100A	120A
AC Input Voltage	US(120 VAC)	US(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)	645(L)x450(W)x133(D)mm	
Packaging Dimension (L/W/D)	802(L)x567(W)x240(D)mm	
Net Weight	28KG	
OPERATING ENVIRONMENT Data		
Certificate	UL1741/FCC	
Humidity	5% to 95% Relative Humidity(Non-condensing)	
EMC Certification Leve (EMC)	US(FCC)	
Altitude	<2000m	
Operating Temperature	0°C~+55°C	
Storage Temperature	-15°C~+60°C	

Product specifications are subject to change without further notice