

6200VA / 6200W

OFF-GRID SOLAR INVERTER

Energy
Independence

Continuous
Power Supply

Flexible
Installation

FEATURES

- Compatible work with lifepo4 battery.
- Parallel operation up to 12 units in 1 phase or 3 phase.
- Direct Plug WIFI Dongle Supported-No additional cables required, just plug and play.
- Pure sine wave; Power factor 1.0.
- PV input 500Vdc Max; Built-in MPPT 120A.
- Capable to work without battery.
- Detachable dust cover for harsh environment.
- WiFi remote monitoring optional.
- Support multiple output priority:UTL,SOL,SBU,SUB.
- EQ function to optimize battery performance and extend lifecycle.

Model	GYSMP-6.2KW
Capacity	6200VA/6200W
Parallel Capability	YES, 12 Units
Lithium Battery activation	YES(By PV or Utility)
Lithium Battery Communication	Yes(RS485)
Input	
Nominal Voltage	230 Vac
Acceptable Voltage Range	170-280 Vac(For Personal Computer); 90-280 Vac (For Home Appliances
Frequency	50/60 Hz(Auto Sensing)
Output	
Nominal Voltage	220Vac/230Vac +5%
Surge Power	12400VA
Frequency	50/60 Hz
Waveform	Pure Sine Wave
Transfer Time	10ms (For Personal Computers),20ms(For Home Appliances
Peak Efficiency	94%
Overload Protection	5s @>= 140% Load; 10s @100%~140% Load
Crest Factor	3:1
Admissible Power Factor	0.6~1(inductive or capacitive)
Battery	
Battery Voltage	48VDC
Floating charge Voltage	54VDC
Overcharge Protection	63VDC
Charging Method	CC /CV
Solar Charge & AC Charge	
Solar Charger Type	MPPT
Max.PV Array Power	6500W
Max.PV Array Open Circuit Voltage	500VDC
PV Array MPPT Voltage Range	60VDC~500VDC
Max.Solar Input Current	27A
Max.Solar Charge Current	120A
Max.AC Charge Current	80A
Max.Charge Current	120A
Physical	
Dimensions,DxWxH(mm)	450*300*130
Package Dimensions,D xWx H(mm)	540*390*210
Net Weight(Kg)	12
Communication interface	RS232/RS485
ENVIRONMENT	
Operating Temperature Range	-10°C to 50 °C
Storage Temperature	.15 °C to 50°C
Humidity	5% to 95% Relative Humidity(Non-condensing)

Product specifications are subject to change without further notice