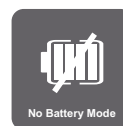
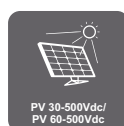
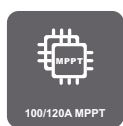
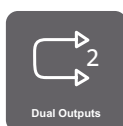


IP21 Solar Inverters-SP Series 6.2KW 220V / 230Vac Output

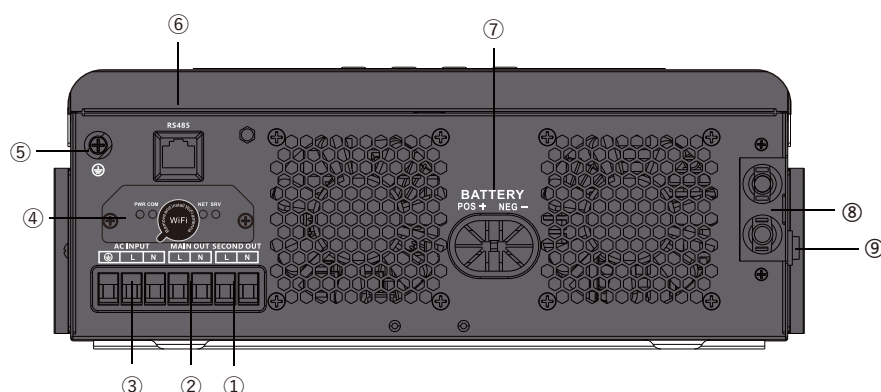


Features

- Dual output for smart load management
- Lithium battery activation function by PV or Utility
- Colored LCD with RGB lights
- Compatible work with LiFePO4 battery via RS485
- PV Input 500Vdc Max
- Built-in MPPT 100/120A/140/160
- Capable to work without battery
- Detachable dust cover for harsh environment
- WIFI remote monitoring optional
- Support multiple output priority: UTL,SOL,SBU,SUB,SUF
- EQ function to optimize battery performance and extend lifecycle

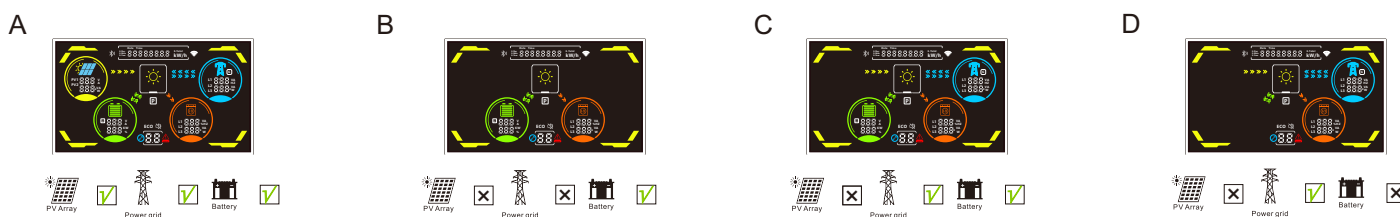


Bottom view



1. Second output
2. Main output
3. AC input
4. Built-in wifi
5. Grounding
6. RS485 communication port
7. Battery input
8. PV input
9. Power on / off switch

Working Mode



Technical Data

MODEL	SP-6200-PRO
PHASE	1-Phase In /1-Phase Out
Maximum PV Input Power	6500W
Maximum Main Output Power	6200VA/6200W
Maximum Second Output Power	6200VA/6200W
Maximum Total Output Power	6200VA/6200W
Parallel Capability	NO
Lithium Battery activation	YES (By PV or Utility)
Lithium Battery communication	YES(RS485)
Built-in WIFI	YES
AC INPUT	
Nominal Voltage	230VAC
Acceptable Voltage Range	170-280VAC(For personal Computer);90-280VAC(For Home Appliances)
Frequency	50/60 Hz (Auto sensing)
AC OUTPUT	
Nominal Voltage	220/230VAC±5%
Surge Power	12400VA
Frequency	50/60 Hz
Waveform	Pure Sine wave
Dual Outputs	Yes
Transfer Time	10ms(For personal Computer);20ms(For Home Appliances)
Peak Efficiency	94%
Overload Protection	5s@ > =140% load; 10s@110%~140% load
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 CHARGER & AC CHARGER	
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	1 / 27A
Max. Solar Charge Current	120A
Max. AC Charge Current	80A
Max. Charge Current	120A
PHYSICAL	
Dimensions, D x W x H(mm)	438x312x122
Package Dimensions, D x W x H(mm)	540x390x210
Net Weight (Kgs)	9.3
Gross weight(Kgs)	10.5
Communication Interface	RS485(RJ45)/RS232(DB9)
LCD	Colorful Screen+RGB Light
ENVIRONMENT	
Operating Temperature Range	-10°C to 55°C
Storage temperature	-15°C~ 60°C
Humidity	5% to 95% Relative Humidity (Non-condensing)
Ingress Protection	IP21

Product specifications are subject to change without further notice.