

SUNPOLO 6KW ON/OFF GRID SOLAR INVERTER



MAIN FEATURES

- 120A Solar Charger+AC Charging current
- Communication: RS232,USB,RS485,WIFI
- Real Hybrid Can Feed to Grid
- Dual AC & 12Vdc Output
- Work with or without battery
- Touch Button and LCD
- Parallel up to 9pcs optional
- Built inside with BMS
- Wifi Monitor
- 6KW PV input (27A)
- USB On-the-go Function
- RGB Light

Three lighting effects:



Cycling:

Quickly scroll with a color of your choice in a continuous circular motion



Wheel:

Illuminates with twinkling lights in a color of your choice



Chasing:

Radiates your selected color upward from the bottom of the ring

User Programmable RGB lighting for different operation mode



Pink

Green

Sky Blue

Purple

Orange

Blue

TECHNICAL PARAMETER

MODEL	SUNPOLO 6KW
Basical information	
Max. PV Input Power	6000W
Rated AC Output Power	6000W
PV Input (DC)	
Nominal DC Volt/Max DC Voltage	360VDC/500VDC
Start-up Voltage/Initial Feeding Voltage	120VDC
MPPT Voltage Range	120-450VDC
No. of MPPT Tracker/Max. Input Current	1/27A
AC Input (AC)	
AC Start-up Voltage/Auto Restart Volt.	120Vac-140Vac/180Vac
Acceptable Input Voltage Range	90-280Vac or 170-280Vac
Max. AC Input Current	40A
Grid Output in Grid-Tie/Hybrid Operation (AC)	
Nominal Output Volt	220Vac/ 230Vac/240Vac, Single Phase dual AC output
Output Voltage Range	184V-265Vac or 195-253V (Selectable)
Nominal Output Current	26.0A
Power Factor	1
Max. Conversion Efficiency (DC/AC)	96%
Battery Mode Output (AC)	
Nominal Output Volt	230Vac dual AC output+ 1pc*12Vdc/10A max
Waveform	Pure sine wave
Efficiency(DC to AC)	93%
Battery & Charger	
Battery Type Supported	Lead Acid /VRLA/AGM/Deep Cycle/Gel/Flooded/Tubular/Lithium-Ion
Nominal Battery Voltage	48Vdc
Max Solar Charge Current	120A
Max AC Charge Current	120A
Max Total Charge Current	120A
General	
Physical	
Products Dimension,D X W X H (mm)	356*471*149
Product Net Weight(kgs)	13.5
Packing Dimension,D X W X H (mm)	535*425*2224, 1PC/CTN
Product Net Weight(kgs)	15
Parallel functions Optional	Yes, optional, max 9pcs
Communication Interface	RS232,USB,RS485,WIFI
Environment	
Humidity	5% to 95% Relative Humidity(Non-condensing)
Operating Temperature	-10°C to 50°C