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
- Work with or without battery
- Parallel up to 9pcs optional
- Wifi Monitor
- USB On-the-go Function
- Dual AC & 12Vdc Output
- Touch Button and LCD
- Built inside with BMS
- 6KW PV input (27A)
- 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

MPPT Solar Inverter

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