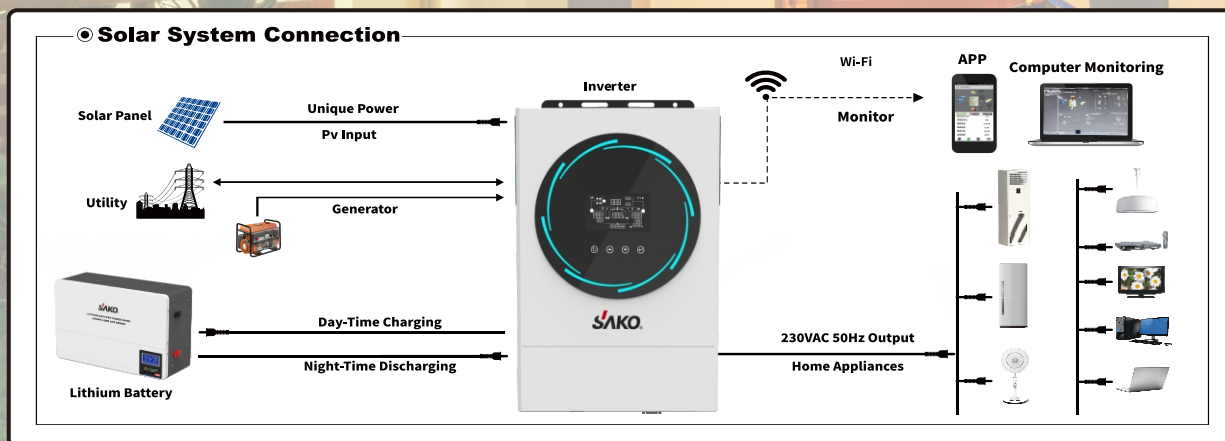
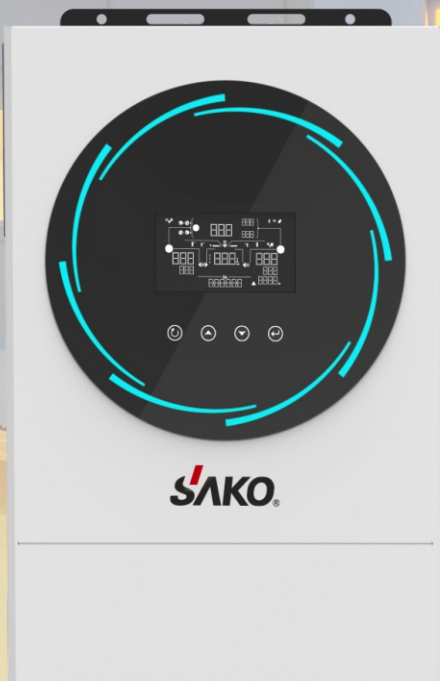


SUNPOLO SERIES

MPPT SOLAR INVERTER

SONPOLO 6KW



120A Solar Charger+AC Charging current



Communication: RS232,USB,RS485,WIFI



Real Hybrid Can Feed to Grid



Parallel up to 9pcs optional



Dual AC & 12Vdc Output



Built inside with BMS



Work with or without battery



USB On-the-go Function



Touch Button and LCD



6KW PV input (Max. 27A)



Wifi Monitor



RGB Light

TECHNICAL PARAMETER

MODEL	SUNPOLO 6KW
BASIC 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/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
PHYSICAL	
Dimension, D*W*H(mm)	356*471*149
Packing Size, D*W*H(mm)	535*425*224, 1PC/CTN
Net Weight (kgs)	13.5
Gross Weight (kgs)	15
Parallel Functions Optional	Yes, optional, max. 9pcs
Communication Interface	RS232,USB,RS485,WIFI
OPERATING ENVIRONMENT	
Humidity	5% to 95% Relative Humidity(Non-condensing)
Operating Temperature	-10°C-50°C
Storage Temperature	-15°C-60°C