


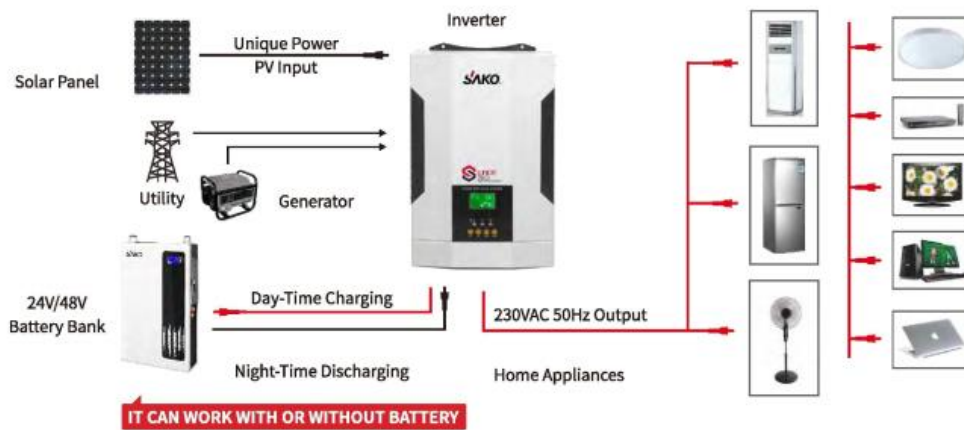




MAIN FEATURES

-  With 100A MPPT Solar Charge Controller Built-in
-  With High PV Input Voltage Range(120-500VDC)
-  Efficiently Work With or Without Battery
-  With WIFI Function Optional
-  With Touch Button on the LCD Display

Solar System Connection





Off Grid MPPT Solar Inverter

TECHNICAL PARAMETER

MODEL	SUNON PRO 3. 5K
The rated power	3500VA/3500W
BATTERY	
Battery Voltage	24 VDC
Low Battery Alarming Voltage	22 VDC
Low Battery Cut off Protection Voltage	21 VDC
Low Battery Recovery Voltage	23 VDC
Floating Charge Voltage	27 VDC
Overcharge Protection	32 VDC
INPUT	
Voltage	230 VAC
Selectable Voltage Range	90-280VAC (Appliances), 170-280VAC (UPS)
Frequency Range	50 Hz/60 Hz (Auto sensing)
OUTPUT	
AC Voltage Regulation (Ball. Mode)	230 VAC \pm 5%
Surge Power	7000VA
No load current	1.0A
Efficiency (Peak)	> 90%
Transfer Time	10 ms (UPS) ; 20 ms (Appliances)
Waveform	Pure sine wave
MPPT SOLAR CHARGER & AC CHARGER	
Maximum PV Array Power	5000W
MPPT Range at Operation Vol.	150-450 VDC
Maximum PV Array Open Circuit Vol.	500 VDC
Number of MPPT Trackers / Max Output Current	100 A
Maximum AC Charge Current	60 A
Maximum Charge Current	100 A
Maximum Efficiency	98%
BEST PANEL CONFIGUTATION	
Best Panel Configuration	300Wp*9pcs* 36V(2700Wp)*2Parallel
PHYSICAL	
Dimension, D*W*H (mm)	481*313*117
Packing size, D*W*H(mm)	543*394*204
Net Weight (kgs)	9.8
Gross Weight (kgs)	11
OPERATING ENVIRONMENT	
Humidity	5% to 95% Relative Humidity(Non-condensing)
Operating Temperature	0°C-50°C