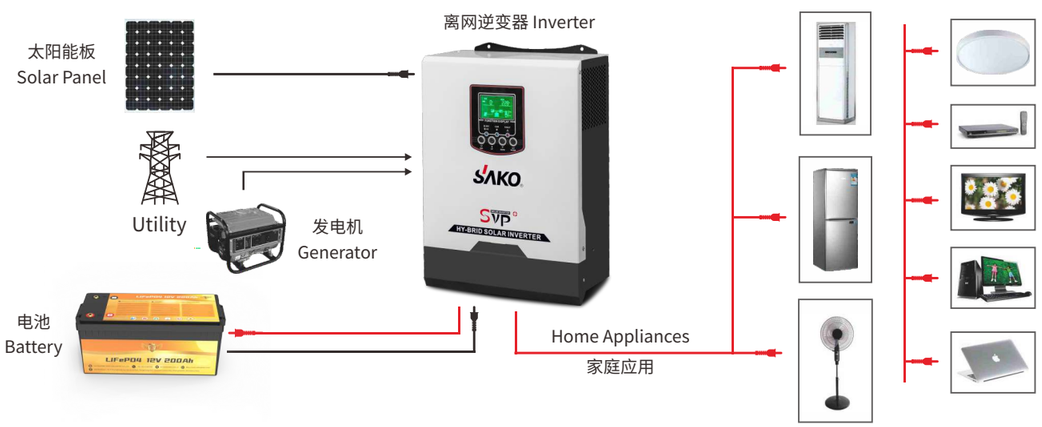
MAIN FEATURES

- Selectable Input Voltage Range for Home Appliances and Personal Computers
- Solar Charger and AC Charger Built Inside, Compitable to Grid Power or Gennerator Power
- Configurable Priority of AC/Solar Charge Via LCD Setting
- Auto Restart While AC is Recovering, Auto Charge and Switch, Unattended Operation
- Smart Battery Charger and Management for Optimized Battery Performance

Solar System Connection



Off Grid PWM Solar Inverter

TECHNICAL PARAMETER

MODEL	SVP 1K	SVP 2K	SVP 3K
The Rated Power	1KW	2KW	3KW
BATTERY			
Battery Voltage	12 VDC	24 VDC	24 VDC
Floating Charge Voltage	13.5 VDC	27 VDC	27 VDC
Overcharge Protection	16 VDC	32 VDC	32 VDC
INPUT			
Voltage	230 VAC		
Selectable Voltage Range	90-280VAC (For Home Appliances), 170-280VAC (For Personal Computers)		
Frequency Range	50 Hz/60 Hz (Auto sensing)		
OUTPUT			
AC Voltage Regulation (Ball. Mode)	230 VAC ± 5%		
Surge Power	2000VA	4000VA	6000VA
Efficiency (Peak)	90%	93%	93%
Transfer Time	10 ms (For Personal Computers) ; 20 ms (For Home Appliances)		
Waveform	Pure sine wave		
SOLAR CHARGER & AC CHARGER			
Maximum PV Array Power	600 W	1200 W	1200 W
PWM Range Operation Vol.	16-22 VDC	32-44 VDC	32-44 VDC
Maximum PV Array Open Circuit Vol.	40 VDC	60 VDC	60 VDC
Standby Power Consumption	2 W		
Maximum Solar Charge Current	PWM 50 A		
Maximum AC Charge Current	20 A	20 A	25 A
Maximum Charge Current	50 A	70 A	70 A
Maximum Efficiency	98%		
BEST PANEL CONFIGUTATION			
Max. Generated from Solar Charger	600 W	1200 W	1200 W
Best Panel Configuration	150W*18V*4Parallel	330W*36V*4Parallel	330W*36V*4Parallel
PHYSICAL			
Dimension，D*W*H (mm)	400*320*190	400*320*190	420*390*193
Net Weight (kgs)	5.4	6.15	7.8
OPERATING ENVIRONMENT			
Humidity	5% to 95% Relative Humidity(Non-condensing)		
Operating Temperature	0°C-50°C		