



SVP Series

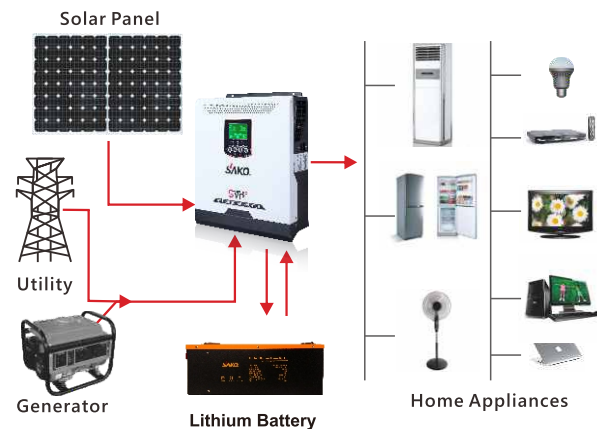
SVP SERIES HYBRID SOLAR INVERTER,
HIGH FREQUENCY



MAIN FEATURES

- Solar Charger and AC Charger Built Inside, Compatible 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
- Selectable Input Voltage Range for Home Appliances and Personal Computers
- Smart Battery Charger and Management for Optimized Battery Performance

Solar System Connection



Back Panel



TECHNICAL PARAMETER

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