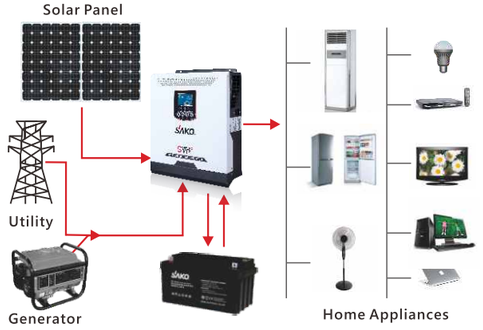
SVP Series

SVP3KW SERIES HYBRID SOLAR INVERTER, HIGH FREQUENCY

MAIN FUNCTION:

- Pure sine wave, high frequency technology,wall amounted design, light weighted and easy to operate
- Selectable input voltage range for home appliances and personal computers
- Selectable charging current based on applications
- Configurable AC/Solar input priority via LCD setting
- Solar charger and AC charger built inside, compitable to grid power or generator power
- Auto restart while AC is recovering, auto charge and switch, unattended operation
- Smart battery charger and management for optimized battery performance
- High Efficient DC-To-AC Conversion.Minimizing Energy Loss and self power consumption
- All around protection functions: Overload/short circuit protection/high voltage/low battery voltage/high temerature,etc.

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)		
RangeFrequnecy 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	420W	1200W	
PWM Range Operation Vol.	15-33VDC	18-80VDC	
Maximum PV Array Open Circuit Vol.	50VDC	80VDC	
Standby Power Consumption	15W	28W	
Maximum Solar Charge Current	PWM 50A		
Maximum AC Charge Current	20A	25A	
Maximum solar Charge Current	50A	70A	
Maximum Efficiency	98%		
BEST PANEL CONFIGUTATION			
Max. generated from solar charger	1000VA/1000W	2000VA/2000W	
Best Panel configutation	1000VA/1000W	2000VA/2000W	
PHYSICAL			
Dimension, D*W*H(mm)	336*228*104mm		363*297*107mm
Net Weight (kgs)	4.48	4.96	6.8
OPERATING ENVIRONMENT			
Humidity	5% to 95% Relative Humidity (Non-condensing)		
Operation Temperature	0℃-50℃		