

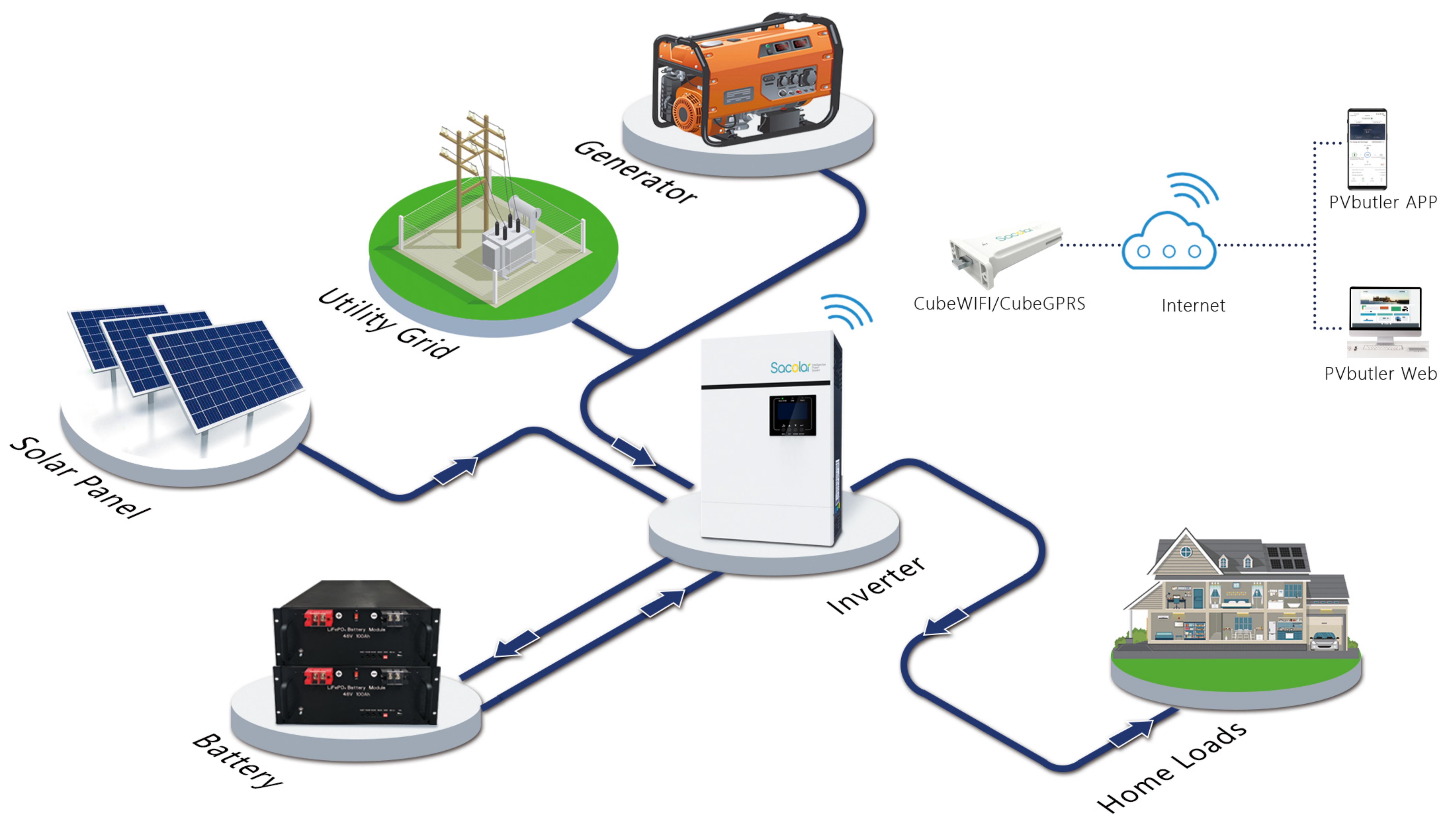
# SUNFORCE BP SERIES

High Frequency Off-Grid Solar Inverter



## MAIN FEATURES

- ▶ Rated power 3.5KW/5KW, power factor 1
- ▶ Built-in MPPT, MPPT voltage range 120V-430Vdc
- ▶ Pure sine wave AC output
- ▶ Solar and utility joint to power the loads
- ▶ With the ability to work with or without battery
- ▶ Parallel operation up to 6 units
- ▶ WIFI/GPRS/ remote monitoring
- ▶ CAN/RS485 communication for BMS



## SPECIFICATION

Model	M3500H-48BP	M5000H-48BP
Rated Power	3500VA / 3500W	5000VA / 5000W
System DC Voltage	48VDC	48VDC
Parallel Option	Yes, up to 6 units	Yes, up to 6 units
Monitoring Option	WiFi or GPRS	WiFi or GPRS
<b>Inverter Output</b>		
AC Voltage	220V-230V-240VAC	220V-230V-240VAC
Surge Power	7000VA	10000VA
Peak Efficiency	93%	93%
Transfer Time	10ms(For Personal Computers);20ms(For Home Appliances)	10ms(For Personal Computers);20ms(For Home Appliances)
Waveform	Pure Sine Wave	Pure Sine Wave
<b>Solar Charger &amp; AC Charger</b>		
Max.PV Array Open Circuit Voltage	450VDC	450VDC
Max.PV Array Power	4500W	6000W
Operating Voltage MPPT Range	120~430VDC	120~430VDC
Battery Overcharge Protection	60VDC	60VDC
Max.Solar Charge Current	80A	100A
Max.AC Charge Current	60A	80A
Max.Charge Current	80A	100A
<b>Physical</b>		
Dimension	470*320*135mm	470*320*135mm
Net Weight	11.5kg	12kg
Communication Interface	USB/CAN/RS485	USB/CAN/RS485
<b>Environment</b>		
Humidity	5% to 95% Relative Humidity(Non-condensing)	
Operating Temperature	0°C~50°C	0°C~50°C
Storage	-15°C~60°C	-15°C~60°C

