

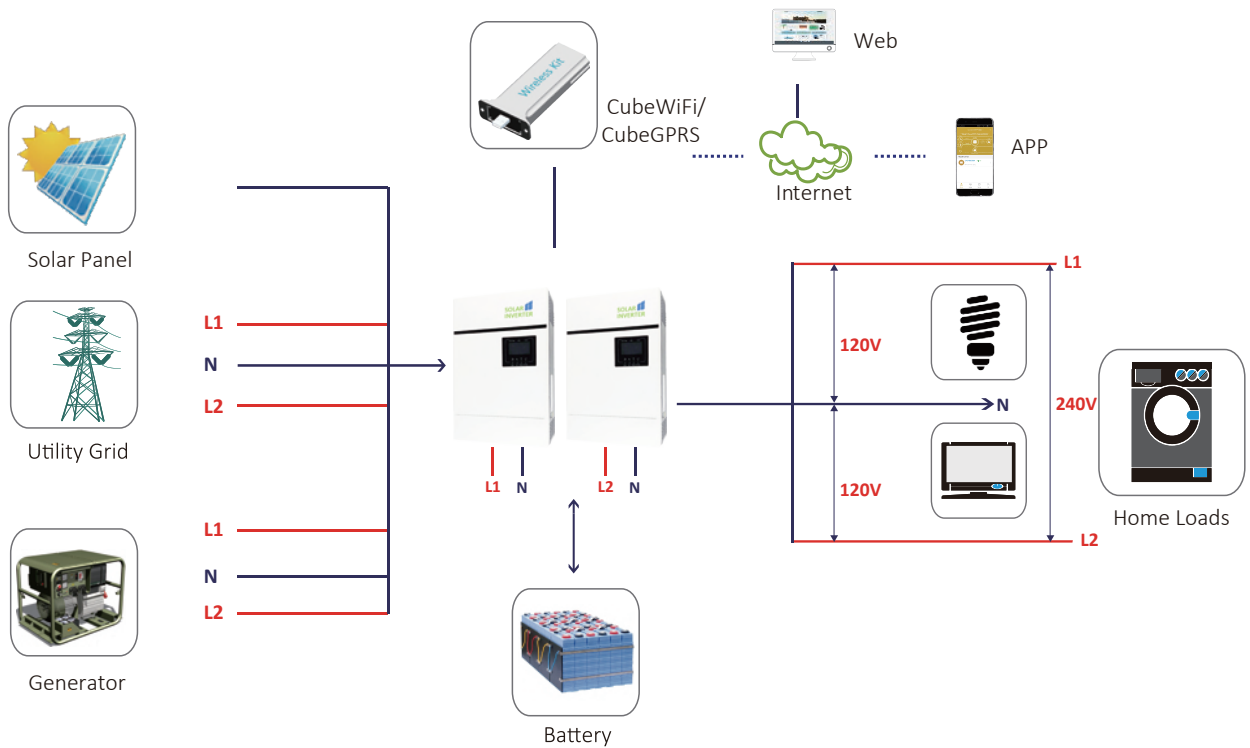
BP Series

120Vac Off-Grid Solar Inverter



MAIN FEATURES:

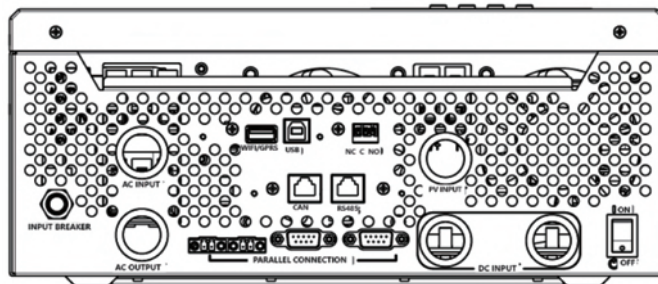
- Rated power 3KW, power factor 1
- Built-in MPPT, MPPT voltage range 120V~250Vdc
- Pure sine wave AC output
- Solar and utility joint to power the loads
- With the ability to work with or without battery
- Parallel operation up to 6 units
- WIFI/ GPRS remote monitoring
- CAN/ RS485 communication for BMS



INTRODUCTION:

BP series off grid solar inverter is integrated with a MPPT solar charge controller, a high frequency pure sine inverter and a UPS function module in one machine. This inverter can work with or without batteries. (When inverters work parallel, the system must need batteries.)

The inverter is with 120V output, can parallel using 2 units to make split phase 120V/240V.



BOTTOM VIEW

High Frequency Solar Inverter

SPECIFICATION

Model	3KW
Rated Power	3000VA/3000W
System DC voltage	48VDC
Parallel Option	Yes, up to 6 units
Monitoring Option	WiFi or GPRS

Inverter Output

AC Voltage	100V-110V-120VAC
Surge Power	6000VA
Peak Efficiency	93%
Transfer Time	10 ms (For Personal Computers); 20 ms (For Home Appliances)
Waveform	Pure Sine Wave

Solar Charger & AC Charger

Max. PV Array Open Circuit Voltage	250Vdc
Max. PV Array Power	4000W
Operating Voltage MPPT Range	120~250Vdc
Battery Overcharge Protection	60Vdc
Max. Solar Charge Current	80A
Max. AC Charge Current	40A
Max. Charge Current	80A

Physical

Dimension	470x320x135mm
Net Weight	11.5Kg
Communication Interface	CAN/RS485/RS232

Environment

Humidity	5% to 95% Relative Humidity (non-condensing)
Operating Temperature	0°C~50°C
Storage	-15°C~60°C

