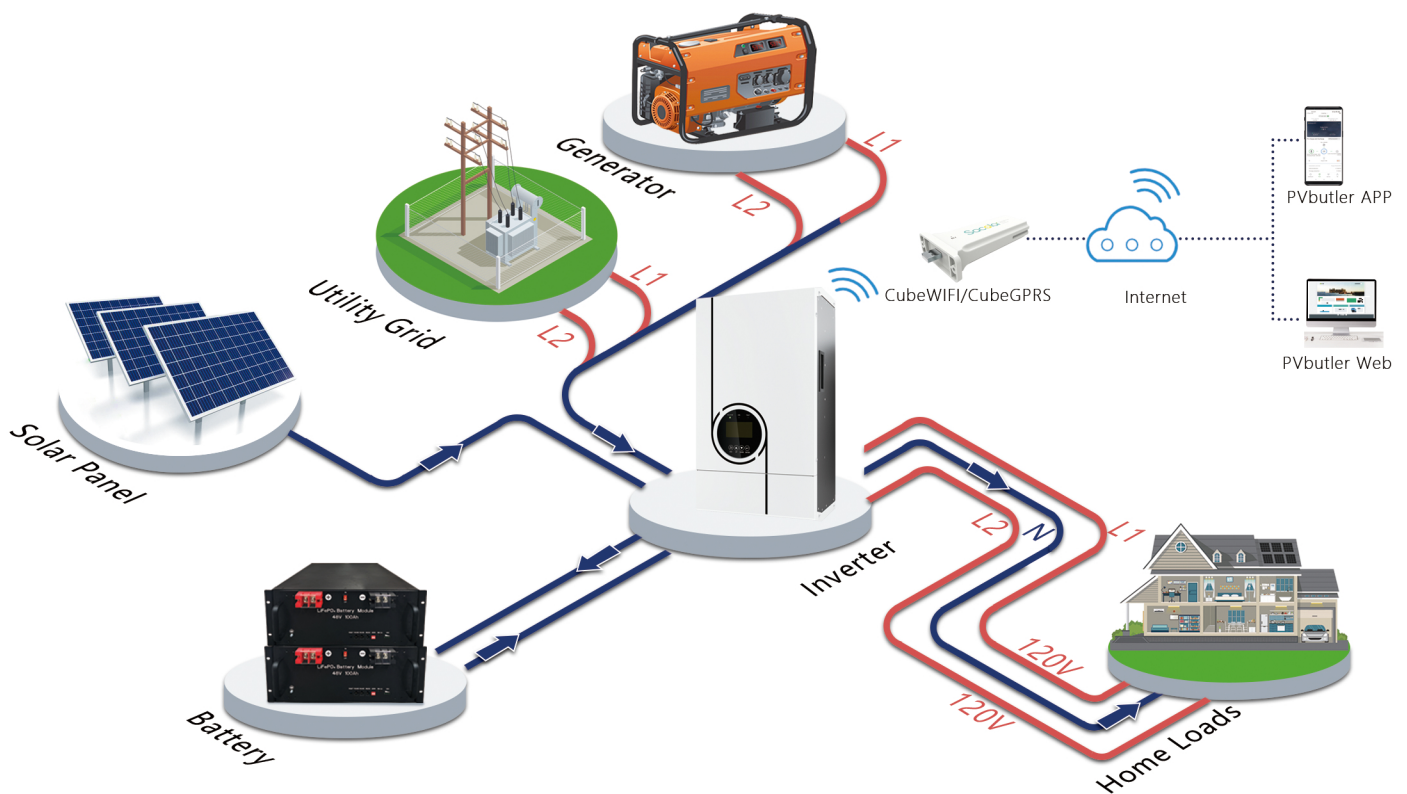


# SPS SERIES

Low Frequency Off-Grid Solar Inverter

## MAIN FEATURES

- ▶ Rated power 6kw
- ▶ Pure sine wave AC output
- ▶ Built-in MPPT solar charge controller
- ▶ Low frequency with transformer
- ▶ High conversion efficiency
- ▶ Low power consumption when no load
- ▶ WIFI/GPRS remote monitoring
- ▶ with Ac couple function



## SPECIFICATION

Model	M6000LS-48SP-M
Battery Voltage Range	Rated 48Vdc, range 40~60Vdc
Monitoring Option	WiFi or GPRS
Parallel Option	Yes, up to 6 units
<b>INVERTER OUTPUT</b>	
Output Voltage	104V-110V-115V-120VAC/ 208V-220V-230V-240VAC
Output Frequency	50Hz / 60Hz $\pm$ 1%
Rated Power	6000VA / 6000W
Surge Power	18000VA / 18000W
Max. Inverting Efficiency	94%
Zero Load Power	< 35W
Zero Load Power in Power Save Mode	< 20W
Max. PV Input Power	4500W
PV Voltage Range	60~250Vdc
Max. PV Charge Current	80A
Max. PV Charge Efficiency	97.5%
<b>AC CHARGER</b>	
AC Charge Input Voltage Range	154Vac~260Vac
AC Input Frequency Range	45Hz~65Hz
Max. AC Charge Current	60A
Max. total (PV+AC) Charge Current	140A
<b>AC BYPASS</b>	
Switching Time	< 10ms
AC Input Voltage Range	154Vac~272Vac (default)
Max. AC Input Current	50A
<b>OTHERS</b>	
Protection	Output Short circuit; Overload; Battery Voltage Too High; Battery Voltage Too Low; Temperature Too High
Enclosure Protection Degree	IP20
Dimension, D*W*H (mm)	455*295*130mm
Net Weight (kg)	38.5kg
Humidity	5% to 95% Relative Humidity (Non-condensing)
Operating Temperature	-20°C to 50°C (fan assisted cooling)
Storage Temperature	-40°C~60°C