

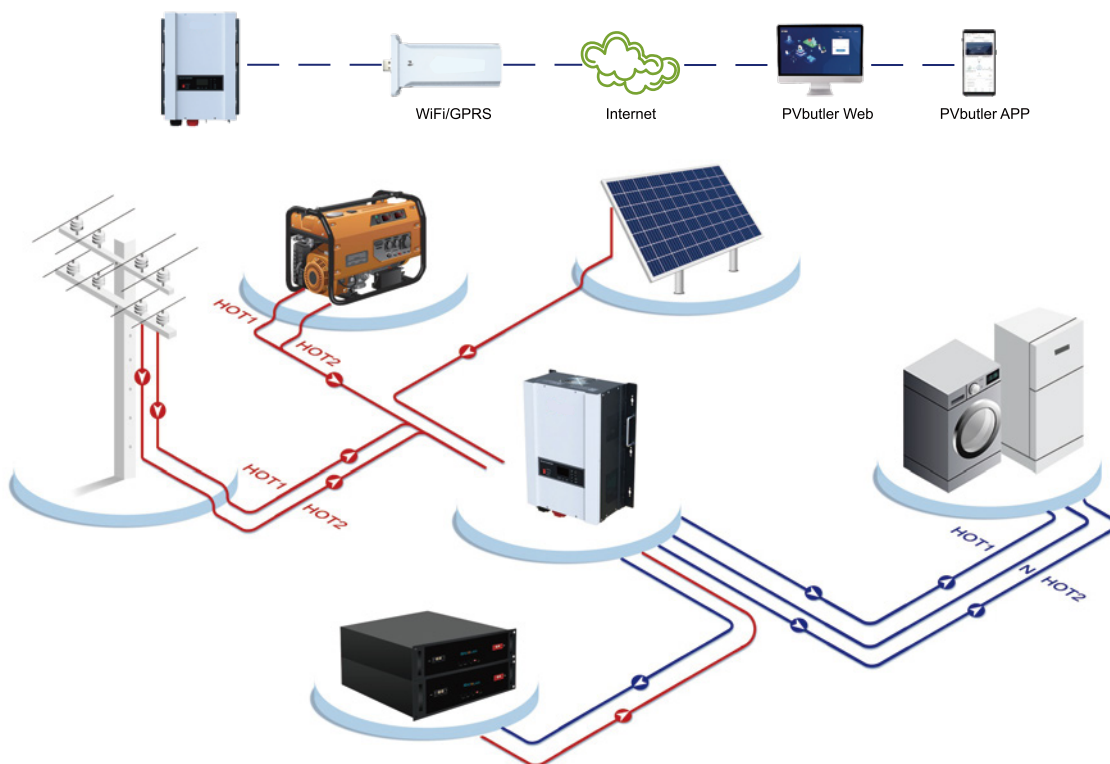
# Sunrino SP Series

Low Frequency Off-Grid Solar Inverter

120V/240V Split phase output

## MAIN FEATURES

- ▶ Rated power 6KW/12KW, with DSP control
- ▶ Pure sine wave AC output
- ▶ Built-in MPPT solar charge controller
- ▶ Low frequency with transformer
- ▶ Configurable AC/ solar input priority via LCD setting
- ▶ Compatible to mains voltage or generator power
- ▶ WiFi/GPRS remote monitoring
- ▶ RS485/CAN communication for BMS



## SPECIFICATION

Model	M6000L-48SP-M	M12000L-48SP-M
Battery Voltage	48VDC	
Rated Power	6KW	12KW
Monitoring Option	WiFi or GPRS	
<b>Inverter Output</b>		
Output Voltage	104V-110V-115V-120VAC/ 208V-220V-230V-240VAC	
Surge Rating (20ms)	18KW	36KW
Capable Of Starting Electric Motor	3HP	6HP
Waveform	Pure sine wave	
Output Frequency	50Hz/60Hz ±0.1Hz	
<b>Solar Charger &amp; Ac Charger</b>		
Maximum PV Charge Current	80A	120A
Maximum PV Array Power	5000W	7000W
MPPT Operating Voltage	60~245VDC	
Maximum PV Array Open Circuit Voltage	250VDC	
AC Input Voltage	208V-220V-230V-240VAC	
Frequency Range	50Hz/60Hz (Auto sensing)	
Overcharger Protection	AMG:60V; FLD:62V; USE:CV+4.0V	
Maximum Charge Current	60A	100A
Maximum Charge Current(PV+AC)	140A	180A
<b>Mechanical Specifications</b>		
Dimension, D x W x H (mm)	540*360*218	650*380*225
Net Weight (kg)	45kg	75kg
<b>Others</b>		
Typical Transfer Time	10ms	
Communication Interface	USB/RS485/CAN	
Operating Temperature Range	0°C - 55°C	
Storage Temperature	-20°C - 60°C	