

Sunrino SP Series

Low Frequency Off-Grid Solar Inverter

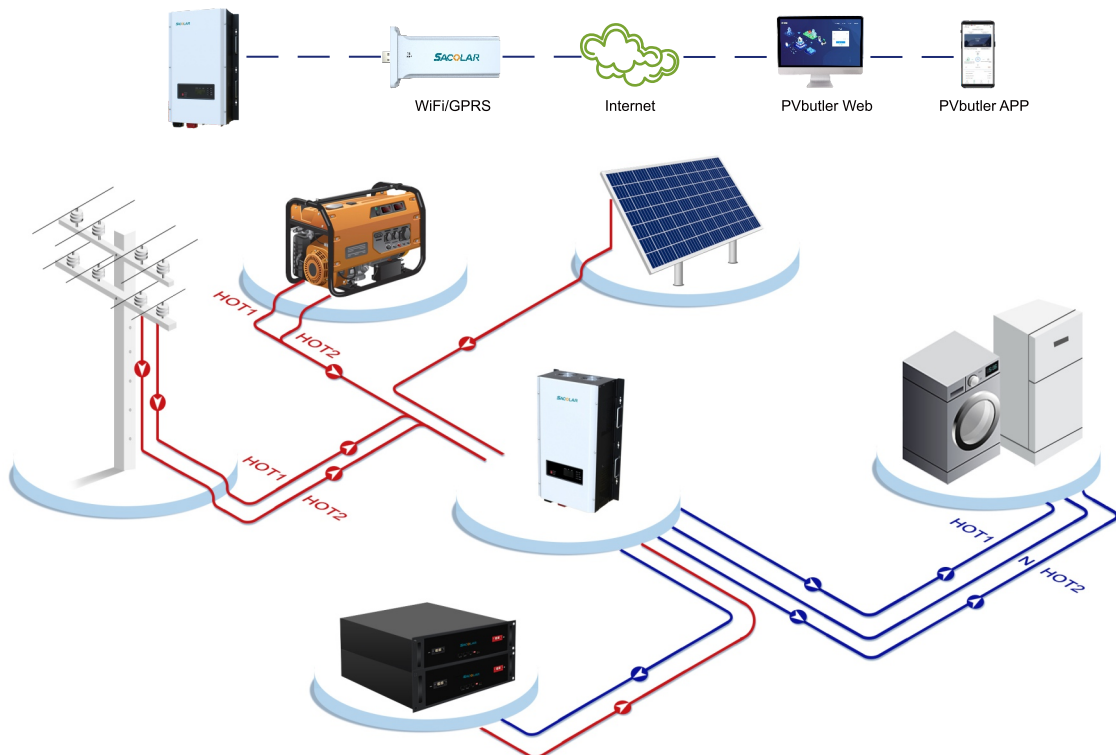
120V/240V Split phase output

SACOLAR



MAIN FEATURES

- ▶ Rated power 18KW, 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	Sunrino M18000L-48SP-M
Battery Voltage	48VDC
Rated Power	18KW
Monitoring Option	WiFi or GPRS
Inverter Output	
Output Voltage	104V-110V-115V-120VAC/ 208V-220V-230V-240VAC
Surge Rating (20ms)	54KW
Capable Of Starting Electric Motor	9HP
Waveform	Pure sine wave
Output Frequency	50Hz/60Hz ±0.1Hz
Solar Charger & Ac Charger	
Maximum PV Charge Current	240A
Maximum PV Array Power	14000W
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	100A
Maximum Charge Current(PV+AC)	340A
Mechanical Specifications	
Dimension, D x W x H (mm)	780*420*250
Net Weight (kg)	105kg
Others	
Typical Transfer Time	10ms
Communication Interface	USB/RS485/CAN
Operating Temperature Range	0°C - 55°C
Storage Temperature	-20°C - 60°C