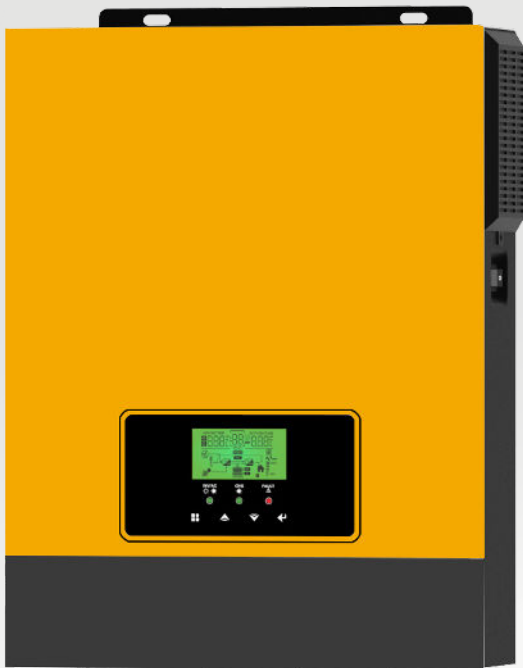


Off Grid Solar Inverter

High Frequency **SX-SML SERIES**



- **1.6KW/3KW**
- **220V**
- **12V/24V**

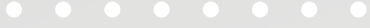
SX-SML Series is a combination of high frequency inverter, AC charger and MPPT solar controller

Features :

- Pure sine wave solar inverter
- Output power factor 1.0
- WIFI&GPRS available for IOS and android
- Built-in 80A MPPT solar charger
- High PV input voltage range(30~400VDC)
- Built-in anti-dusk kit for harsh environment
- Smart battery charge design to optimize battery life meet the rich customize needs of customers
- Compatible with lithium battery
- Solar energy is provided directly to the load first



More Image



Application

Designed for Areas with:

Unstable grid power, need backup power .

Main concern is sustainable power supply .

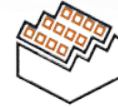


Ground-mounted solar power system

Designed for Areas with :

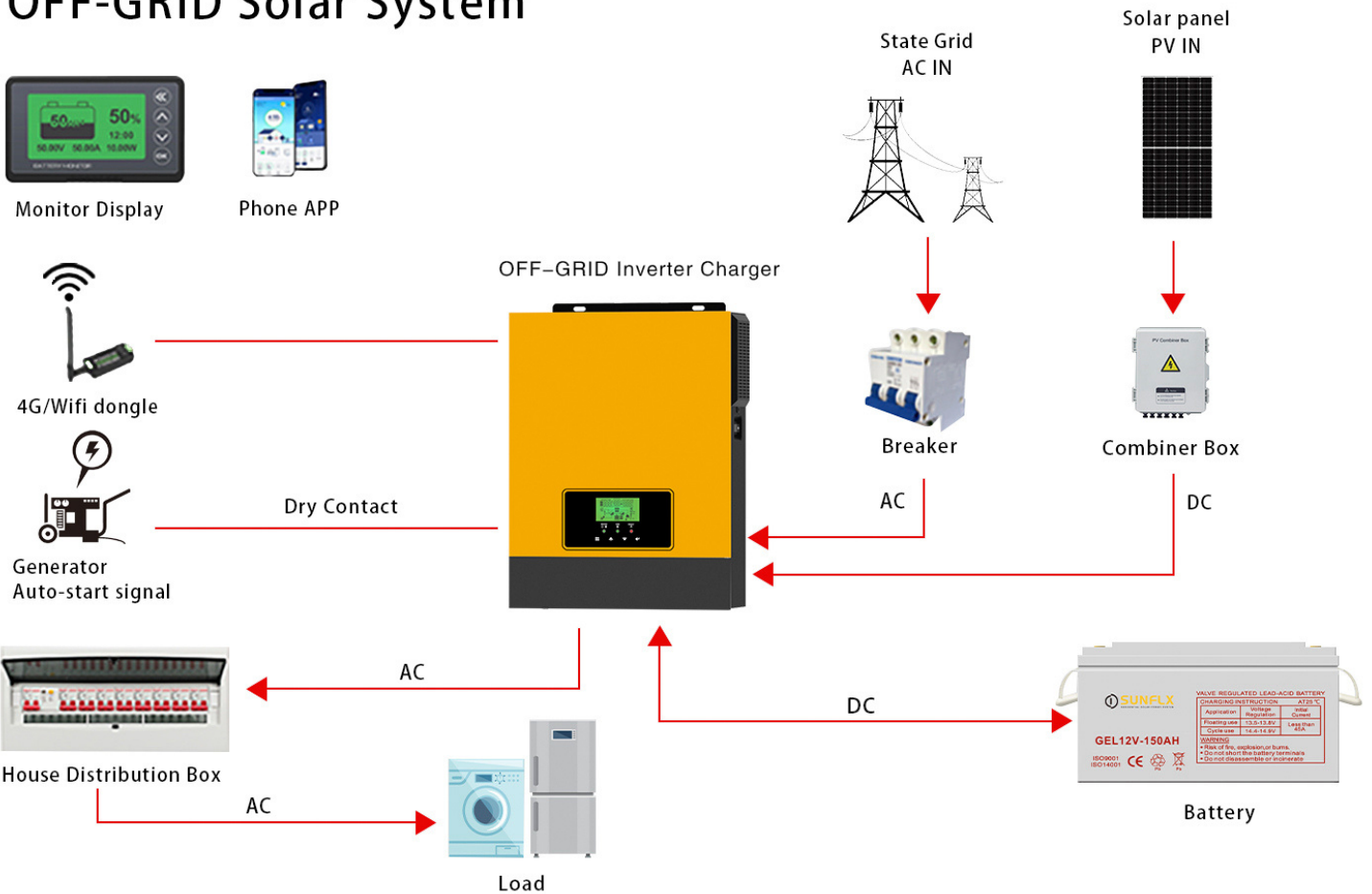
Stable grid power, but electricity price is expensive .

Main concern is reducing electricity bills.



Rooftop system on residential buildings

OFF-GRID Solar System



Data sheet

MODEL	SML 2000-12	SML 3200-24
Rated Power	2000VA/1600W	3200VA/3000W
INPUT		
Voltage	230VAC	
Selectable Voltage Range	170-280VAC(for personal computers) 90-280VAC(for home appliances)	
Frequency Range	50Hz/60Hz (Auto sensing)	
OUTPUT		
AC Voltage Regulation	230VAC±5%	
Surge power	4000VA	6400VA
Efficiency(Peak) PV to INV	98%	
Efficiency(Peak) BAT to INV	94%	
Transfer Time	10ms (for personal computers) 20ms (for home appliances)	
BATTERY & AC CHARGER		
Battery Voltage	12VDC	24VDC
Floating Charge Voltage	13.5VDC	27VDC
Overcharge Protection	16VDC	33VDC
Maximum charge current	60A	60A
SOLAR CHARGER		
MAX.PV Array Power	2000W	3000W
MPPT Range@ Operating Voltage	30-400VDC	
Maximum PV Array Open Circuit Voltage	400VDC	
Maximum Charging Current	80A	
PHYSICAL		
Dimension.D*W*H(mm)	357*273*95	
Net Weight (kgs)	4	5
Communication Interface	RS232/GPRS/WIFI	
OPERATING ENVIRONMENT		
Humidity	5% to 95% Relative Humidity(Non-condensing)	
Operating Temperature	-10°C to 55°C	