

# SSP311C Plus Series

## Solar Power Inverter System

### 1-2KVA



### ► Product Snapshot:

Model: 1-2KVA

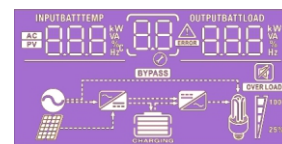
Nominal voltage: 230VAC

Nominal Frequency: 50/60Hz



### Key Features:

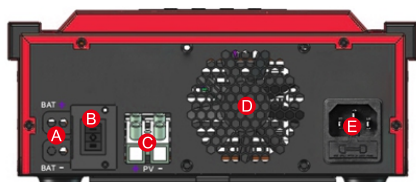
- Built-in PWM solar charge controller.
- Modified sine wave output.
- High frequency design.
- Optional input voltage range.
- Full automatic and silent operation.
- Automatic charging.
- Automatic transfer AC-DC
- Over-load protection.
- Automatic restart.
- Three-steps intelligent charging control to recharging.
- LCD display, audible and visual alarm.



LCD Display

### Full Protection:

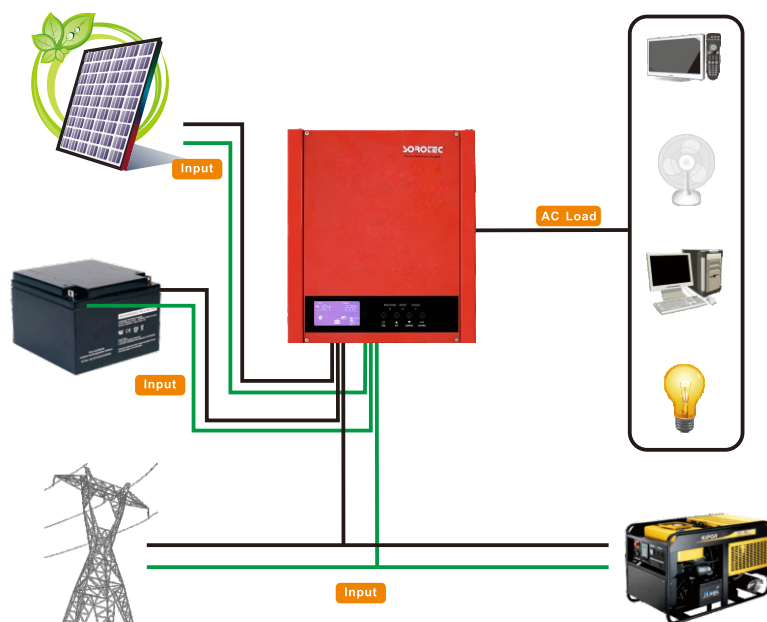
Protection for low battery voltage, overload, output short circuit and over-temperature restrain surge interference, eliminate noise, provide the reliable power to the household appliances



- A: Battery input terminal
- B: Turn on/off switch
- C: PV input terminal
- D: FAN
- E: AC input terminal

### Application

Supply the reliable long back up time power for the household appliances office appliances and solar power systems etc.



Built-in PWM

## SSP3111C Plus Series

### Solar Power Inverter technical specification

Model	SSP3111C Plus 1000-2000VA	
	1000-12	2000-24
Capacity	1000VA/720W	2000VA/1440W
Nominal Voltage	220/230/240VAC	
Nominal Frequency	50/60Hz	
<b>Input</b>		
Voltage Range	170-280VAC±4% (Narrow Range)	90Vac ~280VAC±4% (Wide Range)
Frequency Range	50/60Hz	
<b>Output</b>		
Voltage Regulation	230VAC±10%	
Frequency Regulation	50/60Hz ± 0.1Hz	
Wave Form	Modified sine wave	
Utility to battery mode	15-20ms typical(narrow range); 40ms max(wide range)	
Battery mode to Utility	10ms max	
Battery mode efficiency	>80%	
Line mode efficiency	>95% (battery full charged)	
<b>Battery</b>		
DC Voltage	12V	24V
Overcharge Protection	16V	32V
Charge current	15A/20A	10A
<b>LCD Display &amp; LED Indicate</b>		
Line mode	Line mode 1, charger current > 3A	Green flashing every 2 seconds
	Line mode 2, charger current ≅ 3A	Green solid lighting
	Off-charge mode	Green flashing as cycle:
Battery Mode	Yellow lighting	
Overload	Red flashing every 0.5 second	
Fault	Red lighting	
<b>SOLAR CHARGER</b>		
Maximum PV Array Open Circuit Voltage	55VDC	
PV Optimal Work Voltage	15-18Vdc	30-36Vdc
Maximum Charging Current	50A	
Maximum Efficiency	>96%	
Standby Power Consumption	<20W	
<b>Environment</b>		
Temperature	0℃~40℃	
Humidity	5%~95% (<40℃, Non-condensing)	
Storage Temperature	-15~55℃	
Elevation	<1500 m	
IP Protection level	IP20	
<b>PHYSICAL</b>		
Dimension, D x W x H (mm)	298.9X250X105	
Net Weight (kgs)	2.62	2.76

STANDARD:EN 62109-1:2010 EN 62109-2:2011 EN 62040-1:2008+A1:2013 IEC 62109-1:2010 IEC 62109-2:2011

Note: Product specifications are subject to change without further notice.