

# SSP3117C Series

## Wall Mounted Integrated Solar Power Inverter technical specification

Model SSP3117C 1000VA-5000VA						
Rated Power	1000VA/800W	2000VA/1600W	3000VA/2400W	3000VA/2400W	4000VA/3200W	5000VA/4000W
<b>INPUT</b>						
Voltage	208 / 220 / 230 / 240VAC					
Selectable Voltage Range	170-280 VAC (For Personal Computers) 90-280 VAC (For Home Appliances)					
Frequency Range	50 Hz/60 Hz (Auto sensing)					
<b>OUTPUT</b>						
AC Voltage Regulation (Batt. Mode)	230VAC ± 5%					
Surge Power	2000VA	4000VA	6000VA	6000VA	8000VA	10000VA
Efficiency (Peak)	90% - 93%			93%		
Transfer Time	10 ms (For Personal Computers) 20 ms (For Home Appliances)					
Waveform	Pure sine wave					
<b>BATTERY &amp; AC CHARGER</b>						
Battery Voltage	24 VDC		48 VDC			
Floating Charge Voltage	27 VDC		54 VDC			
Overcharge Protection	31 VDC		62 VDC			
Maximum Charge Current	20A		25A			
<b>SOLAR CHARGER</b>						
MPPT Range @ Operating Voltage	25VDC~58VDC / 25VDC~150VDC(optional)		60VDC~110VDC / 60VDC~150VDC(optional)			
Maximum PV Array Open Circuit Voltage	58VDC/150VDC(optional)		110VDC/150VDC(optional)			
Maximum Charging Current	40A/60A			60A		
Maximum Efficiency	>96%					
Standby Power Consumption	2 W					
<b>PHYSICAL</b>						
Dimension, D x W x H (mm)	350*130*340			380*130*465		
Net Weight (kgs)	7.4	7.6	8.0	12.5	13.5	
<b>OPERATING ENVIRONMENT</b>						
Humidity	5% to 95% Relative Humidity(Non-condensing)					
Operating Temperature	0°C - 55°C					
Storage Temperature	-15°C - 60°C					

STANDARD: safety: IEC60950-1-1/IEC62040-1-1/ AS 62040-1-1,EMC:IEC62040-2 / AS62040-2/EN50091-2 CLASS,Design and test:IEC62040-3 / AS 62040-3

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



Shenzhen SORO Electronics Co.,Ltd

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## Wall Mounted Integrated Solar Power Inverter System

1-5KVA



### Product snapshot:

Model : 1-5KVA

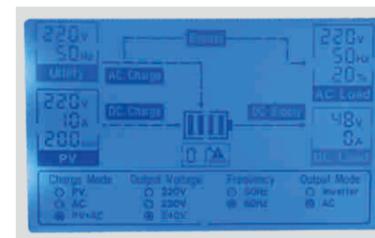
Nominal Voltage : 220/230VAC

Nominal Frequency : 50/60HZ

Output Power Factor: 0.8

### Key Features:

- Pure sine wave output
- High frequency full bridge design .
- Built-in MPPT solar charge controller
- Selectable input voltage range for home appliances and personal computers
- Selectable charging current based on applications
- Configurable AC/Solar input priority via LCD setting
- Compatible to mains voltage or generator power
- Auto restart while AC is recovering
- Overload and short circuit protection
- Smart battery charger design for optimized battery performance
- Cold start function
- Mains/solar output priority level for the customer to choose .
- Mains/solar/ mains & solar charging three mode of priorities for the customer to choose.



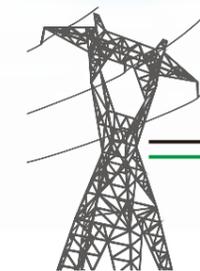
Display Screen Information

### Full protection:

Protection for low battery voltage, over load, output short circuit and over-temperature. Restrain surge interference, eliminate noise, protection for thunder striking, provide the reliable power to the home appliances.

### Applications:

Supply the reliable long back up time power for the home appliances and office appliances. Solar power systems etc.



Input

Input

Input

AC Load

DC Load

Built-in MPPT

Wall Mounted

