

SSP3115C Series

1-6KW



► Product Snapshot:

Model: 1-6KW

Nominal voltage: 230VAC

Nominal Frequency: 50/60Hz

Output Power factor: 1.0



Key Features:

- Built-in MPPT solar controller
- Pure sine wave output
- Low frequency design.
- DIP switch to set AC input voltage range and low battery trip-voltage
- Output power factor is 0.9-1 and output socket can choose
- Well accept generator's output and auto generator start terminal
- Full automatic and silent operation
- Automatically transfer between battery and line modes
- Microprocessor control guarantees high reliability
- Remote control、BTS function (optional)
- Four-steps intelligent charging control to recharging time
- Bypass function with AVR function (optional)
- The charging current is big up to 85 Amp, can adjust through front panel
- AC/solar output priority optional
- Charging mode priorities optional
- Battery type can choose through front panel



LCD Display

Full protection:

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

Applications:

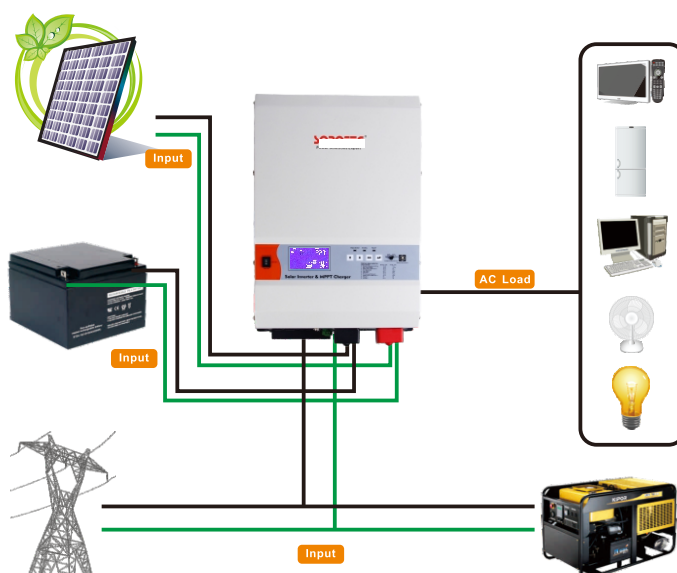
Supply the reliable long back up time power for the household appliances office appliances and solar power systems etc.



- A: Output socket
- B: Inverter Output Protect
- C: Negative DC Terminal
- D: Positive DC Terminal
- E: Charger Input Protect
- F: BTS
- G: Auto GEN START
- H: PV/AC Terminal
- I: DC FAN
- J: Remote Port
- K: IP Switch



- A: AC Fan
- B: RS232
- C: Intelligent slot
- D: Dry Contact



PSC SOLAR (UK)

SSP3115C Series

Wall Mounted Integrated Solar Power Inverter technical specification Built-in MPPT Solar Controller

MODEL	SSP3115C 1-6KW						
	1KW	1.5KW	2KW	3KW	4KW	5KW	6KW
Input Wave form	Sine wave (utility or generator)						
Nominal Voltage	120VAC(option) 230VAC						
Low voltage trip	90v ±4% & 184v/154v ±4%						
Low voltage reengage	100v ±4% & 194v/164v±4%						
High voltage trip	140v ±4% & 253v ±4%						
High voltage reengage	135v ±4% & 243v ±4%						
Nominal input frequency	50Hz/ 60Hz (auto detection)						
Frequency range	47Hz~65Hz						
Output Wave form	(Bypass mode)same as input						
Over-Load Protection	Circuit breaker						
Short circuit Protection	Circuit breaker						
Efficiency on line transfer mode	>95%						
Line transfer time	10ms Typical						
Bypass without battery connected	Yes						
Inverter output							
Output wave form	Pure sine wave						
Output continuous power watts	1000	1500	2000	3000	4000	5000	6000
Surge ratings	3000	4500	6000	9000	12000	15000	18000
Power factor	0.9-1.0						
Nominal Output Voltage rms	120VAC(option) 230VAC						
Output Voltage regulation	+/- 10%rms						
Output frequency	50Hz ± 0.3Hz or 60Hz ± 0.3Hz						
Short circuit protection	Yes,fault after 1 secs						
Inverter input							
Nominal input voltage	24V/48V						
Minimum start voltage	20V/40V						
Low battery alarm	21V/42V						
Low battery trip	20V/40V						
High voltage alarm	32V/64V						
Charger							
Output voltage	Dependent on battery type						
Charge current	10-85A MAX						
Battery initial voltage for start up	0-15.7v for 12v(*2 for 24v;*4 for 48v)						
Over charge protection	15.7v for 12v(*2 for 24v;*4 for 48v)						
SOLAR CHARGER							
MPPT Range @ Operating Voltage	30-115VDC/60-115VDC						
Maximum PV Array Open Circuit Voltage	145VDC						
Maximum Charging Current	60A						
Maximum Efficiency	>96%						
Standby Power Consumption	2 W						

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.