

STRING INVERTERS

SSB Series provide string inverters with the best invention patented topology globally, also we can customize to provide more optional choices for PV power systems.

SSB series has been proved to be outstanding for its features like leading edge efficiency, high cost-effective, modern appearance, friendly inter-face, and ultra-long quality warranty, etc.



Features:

Flexibility

- Transformer-less, smaller and lighter.
- Optimized global MPPT algorithm, MPPT efficiency higher than 99.5%.
- One-button safety setting, easy configuration of all parameters. Built-in independence RTC chip data storage of 25 years.

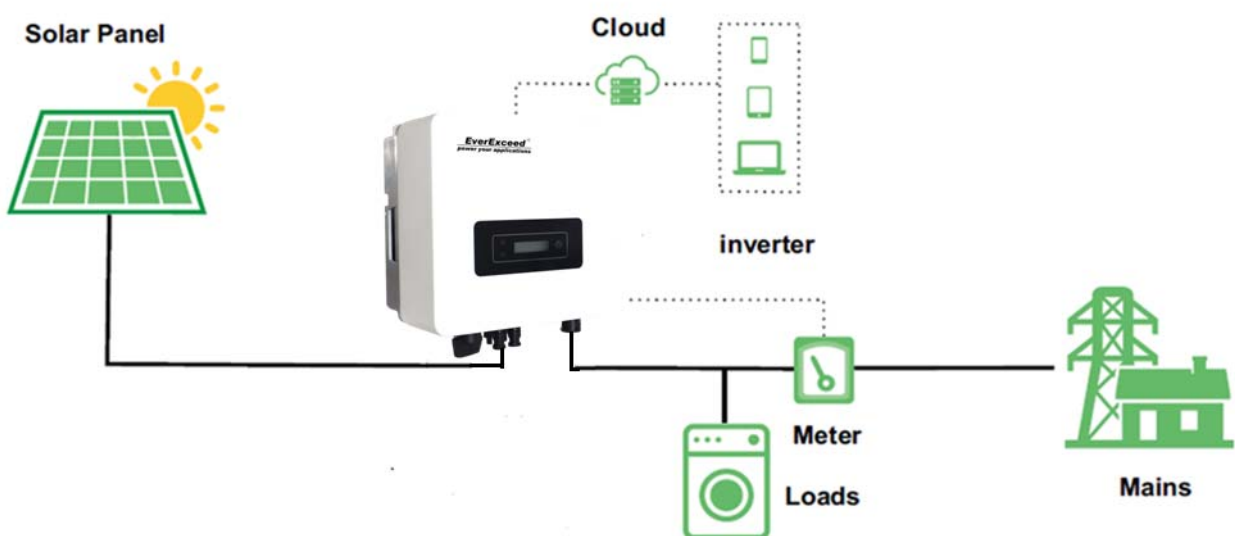
Convenience

- Integrated RS232/WIFI/GPRS, RS485 port, for improved communication. Free monitoring anytime anywhere. Local and remote intelligent maintenance by PC and Apps.

Reliability

- Key components are from first rank brand supplier world-wide. R&D team are experienced experts in string inverter circle, proven technology create reliable quality.

Diagram :



Technical data

Inverter Model	SSB3600	SSB4000	SSB4600	SSB5000	SSB6000
Input Data					
Max. DC input power	4700W	5500W	6000W	6500W	7800W
Max. DC input voltage	550V				
Operation voltage range	80V-540V				
Number of independent MPPT / strings per MPPT	2/1+1				
MPPT max. current	14A/14A				
Max.Short Circuit Current per MPPT	18A/18A				
AC Output Data					
Rated output power	3600W	4000W	4600W	5000W	6000W
Max. output power	4000W	4400W	5000W	5500W	6600W
Rated output voltage	220V,230V/±20%				
Rated output frequency	50Hz,60Hz/±5Hz				
Rated output current	15.7A	18A	20A	21.8A	26.1A
Max. output current	17.3A	20A	22A	24A	29A
Power factor	-0.8~+0.8(adjustable)				
THDi	<3%(Nominal Output)				
Grid system pattern	L+N+PE				
Efficiency					
Max. efficiency	98.2%				
Europe efficiency	97.5%				
Protection					
Input DC switch	YES				
Input over current protection	YES				
DC reverse polarity protection	YES				
Output over voltage protection	YES				
Output over current protection	YES				
Anti islanding protection	YES				
Insulation impedance protection	YES				
RCD detection	YES				

Technical data

Inverter Model	SSB3600	SSB4000	SSB4600	SSB5000	SSB6000
----------------	---------	---------	---------	---------	---------

General Data

Dimensions(W/L/H)mm	330/312/170
Weight	10kg
Noise	<25dB
Operation temperature range	-25℃ ~ +60℃
Heat dissipation mode	Natural
IP Class	IP65
Maximum altitude	4000m
Self-Consumption night	<1w
Topology	Transformerless

Features

LCD display	YES
Communication interface	WIFI/GPRS/RS485(optional)
Warranty	5 years (standard)
Standards	IEC62109-1,IEC62109-2,NB/T32004,VDE-AR-N4105,EN50549,AS 477