

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.

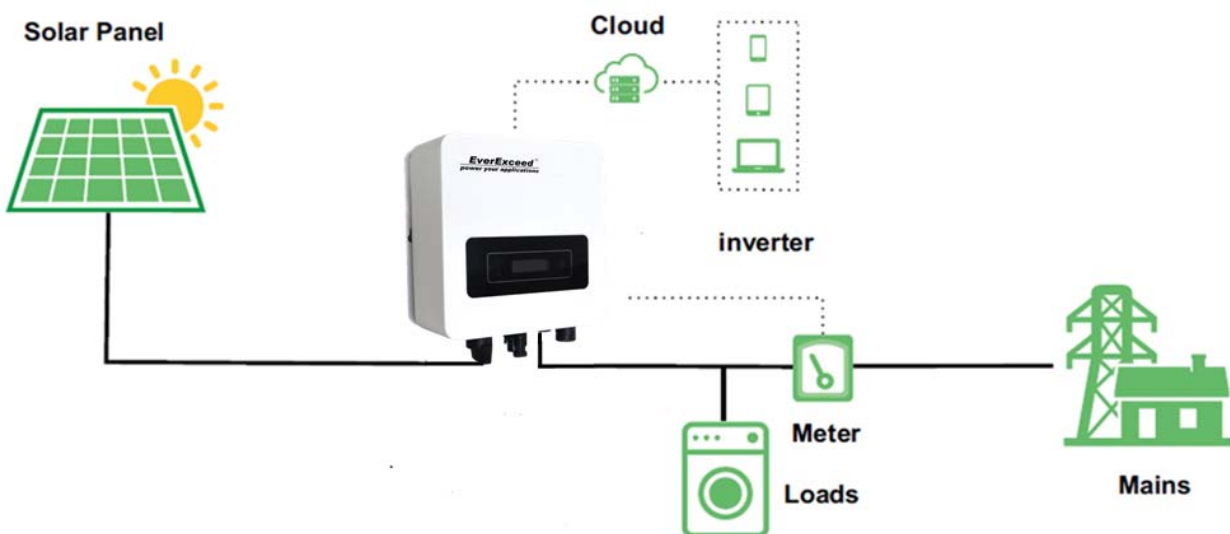
Convenience

- 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	SSB1000	SSB1500	SSB2000	SSB2500	SSB3000	SSB3300
Input Data						
Max. DC input power	1300W	1950W	2600W	3250W	3900W	3900W
Max. DC input voltage	500V			550V		
Operation voltage range	50V-500V			80V-540V		
Number of independent MPPT / strings per MPPT	1/1					
MPPT max. current	14A					
Max.Short Circuit Current per MPPT	18A/18A					
AC Output Data						
Rated output power	1000W	1500W	2000W	2500W	3000W	3300W
Max. output power	1100W	1650W	2200W	2750W	3300W	3300W
Rated output voltage	220V,230V/±20%					
Rated output frequency	50Hz,60Hz/±5Hz					
Rated output current	4.4A	6.6A	8.7A	10.9A	13.1A	14.5A
Max. output current	5A	7.5A	10A	12A	14.5A	14.5A
Power factor	-0.8~+0.8(adjustable)					
THDi	<3%(Nominal Output)					
Grid system pattern	L+N+PE					
Efficiency						
Max. efficiency	97.6%					
Europe efficiency	96.8%					
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	SSB1000	SSB1500	SSB2000	SSB2500	SSB3000	SSB3300
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General Data

Dimensions(W/L/H)mm	265/310/140
Weight	7.2kg
Noise	<25dB
Operation temperature range	-25°C ~ +60°C
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