

## 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.

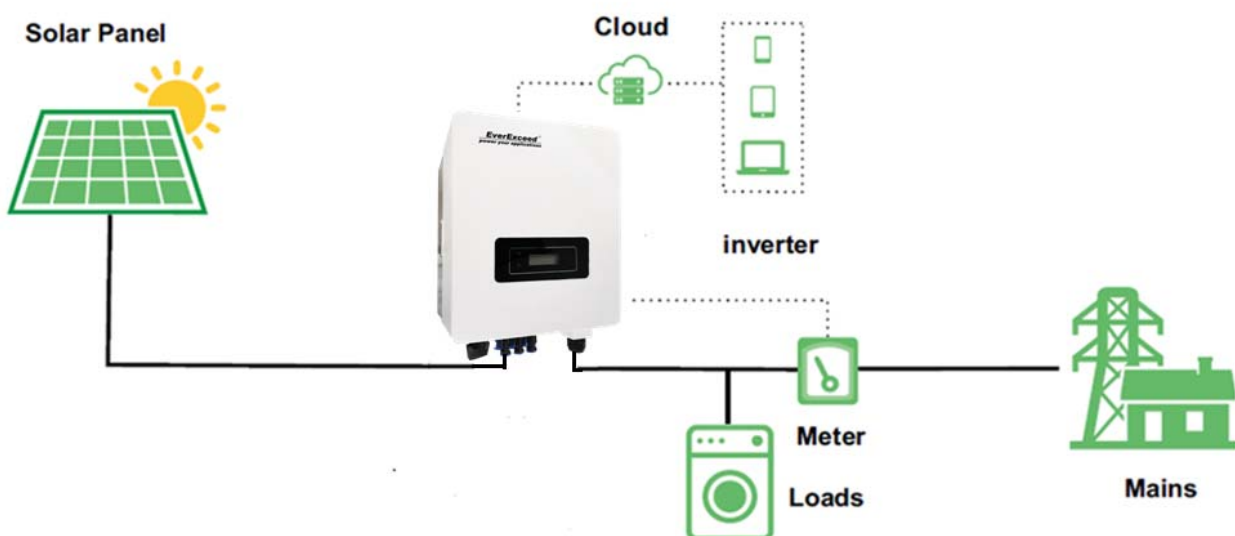
#### Convenience

- 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 worldwide. R&D team are experienced experts in string inverter circle, proven technology create reliable quality.

### Diagram :



## Technical data

Inverter Model	SSB7000	SSB8000	SSB9000	SSB10000
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### Input Data

Max. DC input power	9100W	10400W	11700W	13000W
Max. DC input voltage	550V			
Operation voltage range	80V-540V			
Number of independent MPPT /	3/1+1+1			
MPPT max. current	14A/14A/14A			
Max.Short Circuit Current per MPPT	18A/18A/18A			

### AC Output Data

Rated output power	7000W	8000W	9000W	10000W
Max. output power	7700W	8800W	9900W	10000W
Rated output voltage	220V,230V/±20%			
Rated output frequency	50Hz,60Hz/±5Hz			
Rated output current	30.5A	35A	39.2A	43.5A
Max. output current	34A	38.5A	43A	24A
Power factor	-0.8~+0.8(adjustable)			
THDi	<3%(Nominal Output)			
Grid system pattern	L+N+PE			

### Efficiency

Max. efficiency	98.4%
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

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### General Data

Dimensions(W/L/H)mm	358/400/180			
Weight	16kg			
Noise	<25dB		<45dB	
Operation temperature range	-25℃ ~ +60℃			
Heat dissipation mode	Natural		Smart cooling	
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			