

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.

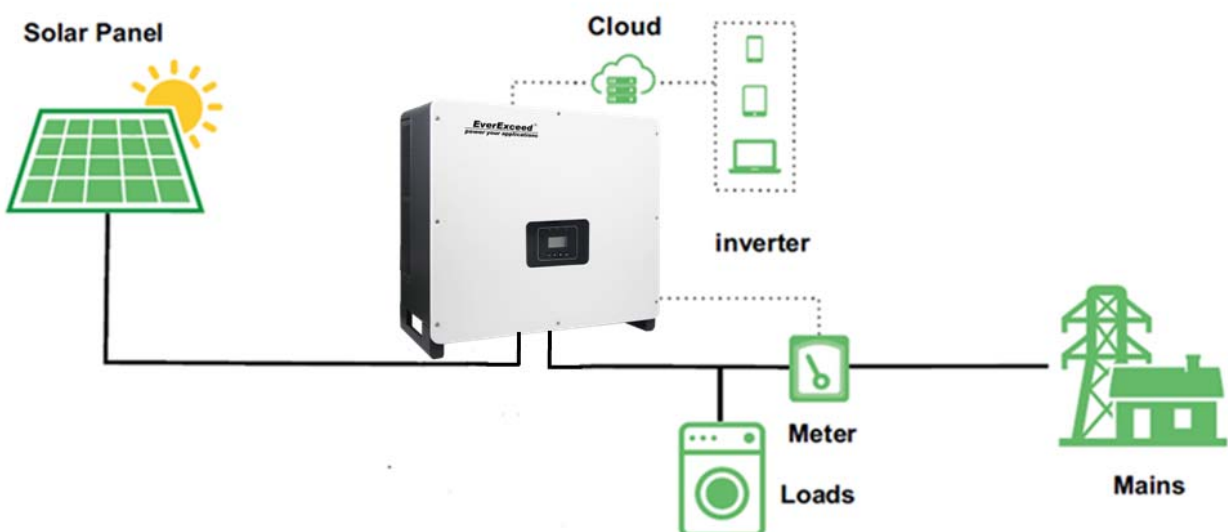
Convenience

- 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	SSB50K-3P	SSB60K-3P	SSB70K-3P	SSB80K-3P
Input Data				
Max. DC input power	60000W	75000W	85000W	100000W
Max. DC input voltage	1100V			
Operation voltage range	200V-1000V			
Number of independent MPPT / strings per MPPT	3/3	3/4	4/3	4/4
MPPT max. current	39A*3	52A*3	39A*4	52A*4
Max.Short Circuit Current per MPPT	48A*3	65A*3	48A*4	65A*4
AC Output Data				
Rated output power	50000W	60000W	70000W	80000W
Max. output power	55000W	66000W	77000W	88000W
Rated output voltage	380V,400V/±20%			
Rated output frequency	50Hz,60Hz/±5Hz			
Rated output current	72A	87A	101A	115A
Max. output current	80A	95A	111A	128A
Power factor	-0.8~+0.8(adjustable)			
THDi	<3%(Nominal Output)			
Grid system pattern	3W+N+PE			
Efficiency				
Max. efficiency	99%			
Europe efficiency	98.5%			
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			
AC surge protection	YES			
DC surge protection	YES			
Insulation impedance protection	YES			
RCD detection	YES			

Technical data

Inverter Model	SSB50K-3P	SSB60K-3P	SSB70K-3P	SSB80K-3P
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General Data

Dimensions(W/L/H)mm	690/640/296			
Weight	55kg		68kg	
Operation temperature range	-25°C ~ +60°C			
Heat dissipation mode	Smart cooling			
IP Class	IP65			
Maximum altitude	4000m			
Self-Consumption night	<1w			
Topology	Transformerless			

Features

LCD display	YES			
Communication interface	WIFI/GPRS/RS485			
Warranty	5 years (standard) / 20 years (optional & negotiable)			
Standards	NB/T32004,VDE-AR-N4105,EN50549,AS 4777			