

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.

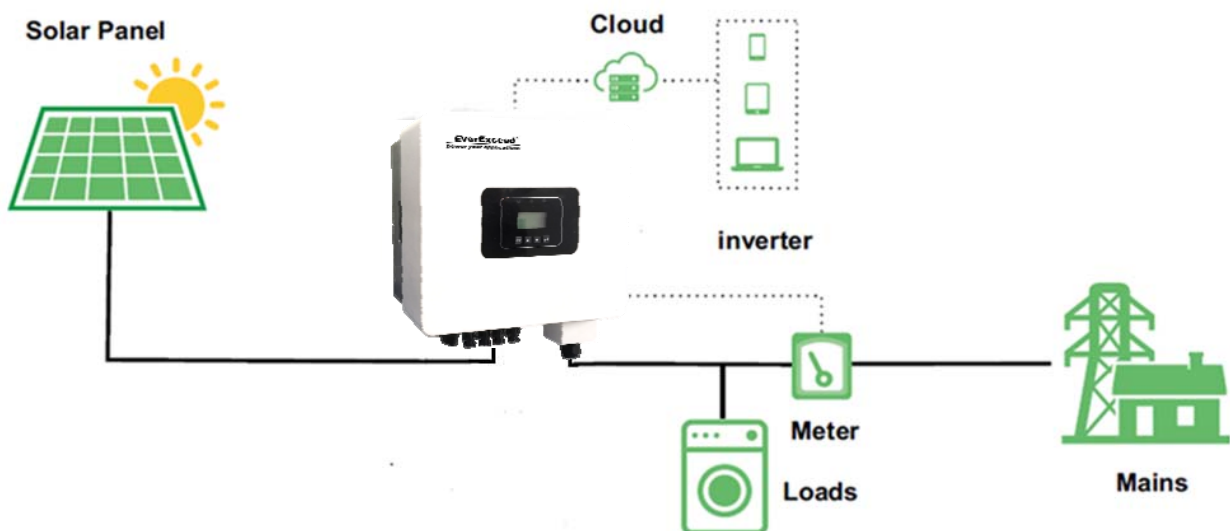
Convenience

- 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	SSB13K-3P	SSB15K-3P	SSB17K-3P	SSB20K-3P
Input Data				
Max. DC input power	17000W	19500W	22000W	26000W
Max. DC input voltage	1100V			
Operation voltage range	200V-1000V			
Number of independent MPPT / strings per MPPT	2/1+2			2/2+2
MPPT max. current	14A/28A			28A/28A
Max.Short Circuit Current per MPPT	18A/18A			36A/36A
AC Output Data				
Rated output power	13000W	15000W	17000W	20000W
Max. output power	14300W	16500W	18700W	22000W
Rated output voltage	380V,400V/±20%			
Rated output frequency	50Hz,60Hz/±5Hz			
Rated output current	19A	22A	25A	29A
Max. output current	21A	24A	27A	32A
Power factor	-0.8~+0.8(adjustable)			
THDi	<3%(Nominal Output)			
Grid system pattern	3W+N+PE			
Efficiency				
Max. efficiency	98.5%			
Europe efficiency	98.2%			
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	SSB13K-3P	SSB15K-3P	SSB17K-3P	SSB20K-3P
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General Data

Dimensions(W/L/H)mm	403/360/238
Weight	18.5kg
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(optional)
Warranty	5 years (standard)
Standards	IEC62109-1,IEC62109-2,NB/T32004,VDE-AR-N4105,EN50549,AS 477