

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.

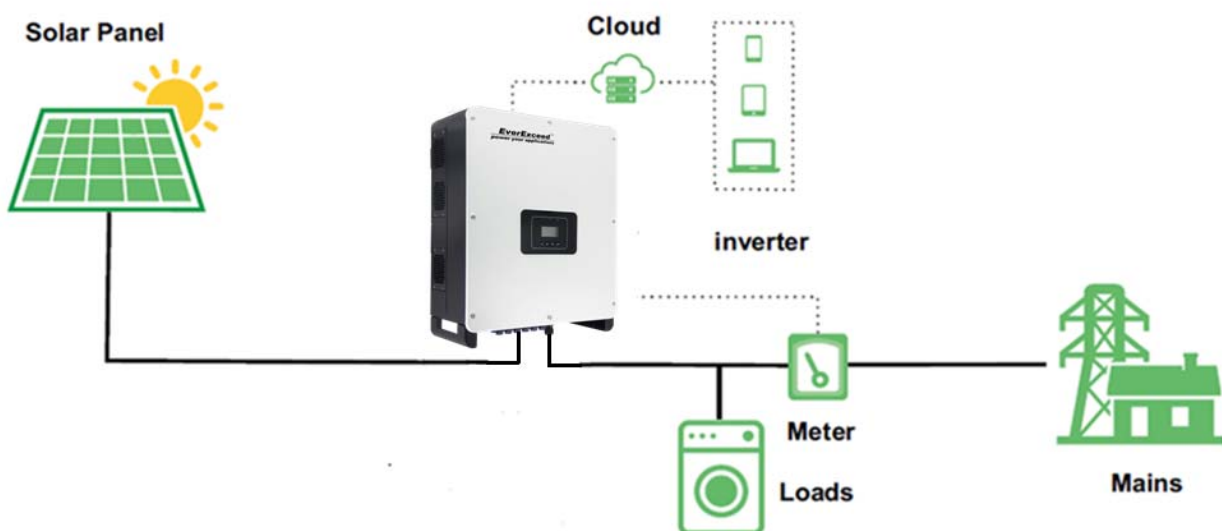
Convenience

- 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	SSB30K-3P(S)	SSB33K-3P	SSB36K-3P
Input Data			
Max. DC input power	36000W	40000W	42000W
Max. DC input voltage		1100V	
Operation voltage range		200V-1000V	
Number of independent MPPT / strings per MPPT		2/3+3	
MPPT max. current		39A/39A	
Max.Short Circuit Current per MPPT		48A/48A	
AC Output Data			
Rated output power	30000W	33000W	36000W
Max. output power	33000W	36000W	36000W
Rated output voltage		380V,400V/±20%	
Rated output frequency		50Hz,60Hz/±5Hz	
Rated output current	44A	48A	52A
Max. output current	48A	52A	52A
Power factor		-0.8~+0.8(adjustable)	
THDi		<3%(Nominal Output)	
Grid system pattern		3W+N+PE	
Efficiency			
Max. efficiency		98.8%	
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	SSB30K-3P(S)	SSB33K-3P	SSB36K-3P
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General Data

Dimensions(W/L/H)mm	506/620/230
Weight	38kg
Noise	<55dB
Operation temperature range	-25℃ ~ +60℃
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