

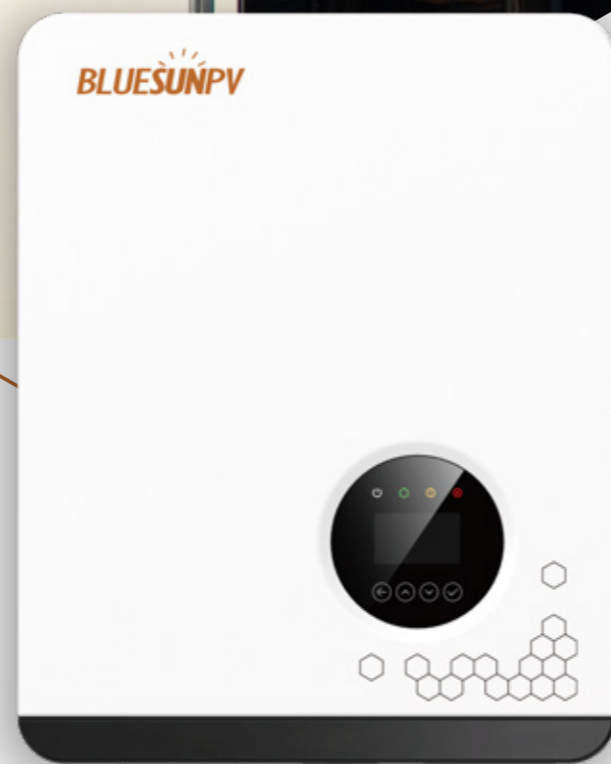
BLUESUNPV



THREE PHASE
BSM SERIES

BSM3-12K-B
PV On-Grid String Inverter Zero Export

3/4/5/6/8/10/12 KW



Max. PV Voltage Up To 1100v
Type II DC /AC SPD



Compatible For Big Capacity PV Panel
WiFi / 4g Plug Optional



DC/AC Ratio Up To 2
IP66 Protection



High Efficiency Up To 98.6%
Smaller And Lighter

YOUR BEST PV SUPPLIER

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MODEL	BSM3K-B	BSM4K-B	BSM5K-B	BSM6K-B	BSM8K-B	BSM10K-B	BSM12K-B	
Input(DC)	Max. DC Voltage							1100V
	Nominal Voltage							620V
	Start Voltage							250V
	MPPT Voltage Range							140 V~1,000 V
	Number of MPPT Tracker							2
	Strings Per MPPT Tracker							1
	Max. Input Current Per MPPT							15A
	Max. Short-circuit Current Per MPPT							20A
Output(AC)	Nominal AC Output Power							3000W 4000W 5000W 6000W 8000W 10000W 12000W
	Max. AC Output Power							3300VA 4400VA 5500VA 6600VA 8800VA 11000VA 13200VA
	Nominal AC Voltage							400V 3L+N
	AC Grid Frequency Range							50 / 60Hz(±5Hz)
	Max. Output Current							4.8A 6.4A 8.0A 9.6A 12.8A 16.0A 19.2A
	Power Factor(Φ)							0.8leading-0.8lagging
	THDi							3%
	Efficiency	Max. Efficiency						
Euro Efficiency							97.5% 97.5% 97.5% 97.5% 98.0% 98.1% 98.1%	
Protection Devices	DC Switch							Yes
	Output Over Current							Yes
	Anti-islanding Protection							Yes
	DC Reverse Polarity Protection							Yes
	String Fault Detection							Yes
	DC/AC Surge Protection							DC: Type II / AC: Type III / Type II Optional
	Insulation Detection							Yes
	AC Short Circuit Protection							Yes
	General Specifications	Dimensions W x H x D						
Weight							<17kg	
Operating Temperature Range							-25 C ~+60 C	
Cooling Type							Natural cooling	
Max. Operating Altitude							4000m	
Max. Operating Humidity							0-100%(No condensation)	
AC Output Terminal Type							Connector	
IP Class							IP66	
Topology							Transformer-less	
Communication							RS485/Wifi/4G	
Display							LCD	
Certification & Standard							EN/IEC62109-1/2; IEC/EN61000-6-2;IEC/EN61000-6-4;IEC61683;IEC60068;IEC60529;IEC62116;IEC61727; EN50549-1;AS 4777.2;VDE-AR-N-4105;VDE 0126-1-1;CEI0-21;G98;G99;C10/C11;NB/T32004-2018; GB/T19964-2012	

* Specifications subject to change without prior notice.

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