



**THREE PHASE  
BSM SERIES**

**BSM15-25K-B**  
PV On-Grid String Inverter Zero Export

**15/17/20/25 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

MODEL	BSM15K-B	BSM17K-B	BSM20K-B	BSM25K-B		
Input(DC)	Max. DC Voltage		1100V			
	Nominal Voltage		620V			
	Start Voltage		250V			
	MPPT Voltage Range		140 V~1,000V			
	Number of MPPT Tracker		2			
	Strings Per MPPT Tracker	2/1	2	2	2	
	Max. Input Current Per MPPT	30A/15A	30A	30A	30A	
	Max. Short-circuit Current Per MPPT	40A/20A	40A	40A	40A	
Output(AC)	Nominal AC Output Power		15000W	17000W	20000W	25000W
	Maximum AC Output Power		16500VA	18700VA	22000VA	27500VA
	Nominal AC Voltage		400V 3L+N			
	AC Grid Frequency Range		50Hz / 60Hz(±5Hz)			
	Maximum Output Current	23.9A	27.1A	31.9A	39.9A	
	Power Factor(Φ)	0.8leading-0.8lagging				
	THDi	3%				
Efficiency	Max. Efficiency	98.6%	98.6%	98.6%	98.6%	
	Euro Efficiency	98.2%	98.3%	98.3%	98.3%	
Protection Devices	DC Switch		Yes			
	Output Over Current		Yes			
	Anti-islanding Protection		Yes			
	DC Reverse Polarity Protection		Yes			
	String Fault Detection		Yes			
	AC/DC Surge Protection		DC: Type II / AC: Type III / Type II Optional			
	Insulation Detection		Yes			
	AC Short Circuit Protection		Yes			
	Dimensions W x H x D		380x483x193mm			
Weight		20.7kg				
Operating Temperature Range		-25 C ~+60 C				
Cooling Type		Fan Cooling				
Max. Operation Altitude		4000m				
Max. Operation 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.