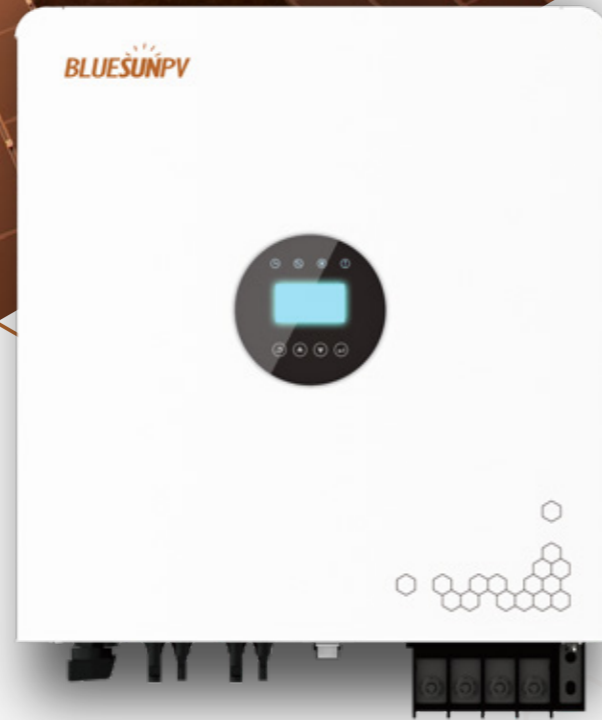




**THREE PHASE**  
**BSM SERIES**

**BSM50-80K-B**  
PV On-Grid String Inverter Zero Export

**50/60/70/80 KW**



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



Reactive Power Control WiFi /  
4G Plug Optional



DC/AC Ratio Up To 1.5  
IP66 Protection



High Efficiency Up To 98.6%  
Smaller And Lighter

MODEL	BSM50K-B	BSM60K-B	BSM70K-B	BSM80K-B	
Input(DC)	Max. DC Voltage		1100V		
	Nominal Voltage		650V		
	Start Voltage		180V		
	MPPT Voltage Range		200 V~1,000V		
	Number of MPPT		4		
	Strings Per MPPT	2	2	3	3
	Max. Input Current Per MPPT	32A	32A	45A	45A
Max. Short-circuit Current Per MPPT	48A	48A	60A	60A	
Output(AC)	Nominal AC Output Power		50000W		
	Max. AC Output Power		55000VA		
	Nominal AC Voltage		400V 3L+N+PE		
	AC Grid Frequency Range		50Hz / 60Hz(±5Hz)		
	Maximum Output Current	79.7A	95.6A	111.6A	127.5A
	Power Factor(Φ)	0.8leading-0.8lagging			
	THDi	3%			
Efficiency	Max. Efficiency	98.5%	98.5%	98.6%	98.6%
	Euro Efficiency	98.2%	98.2%	98.3%	98.3%
Protection Devices	DC Switch		Yes		
	Output Over Current Protection		Yes		
	Anti-islanding Protection		Yes		
	DC Reverse Polarity Protection		Yes		
	String Fault Detection		Yes		
	DC/AC Surge Protection		Type II		
	Residual Current Monitoring		Yes		
	AC Short Circuit Protection		Yes		
	Dimensions W x H x D		515x585x287mm		
Weight	51kg		55kg		
Operating Temperature Range	-25 C ~+60 C				
Cooling Type	Fan Cooling				
Max. Operating Altitude	4000m				
Max. Operating Humidity	0-100%(No Condensation)				
AC Output Terminal Type	OT terminal				
IP Class	IP66				
Topology	Transformer-less				
Communication	RS485/Wifi/4G				
Display	LCD				
Certification & Standard	EN/IEC62109-1;EN/IEC62109-2;IEC/EN 61000-6-1;IEC/EN 61000-6-3;IEC/EN61000-6-2;IEC/EN61000-6-4;IEC61683; IEC60068;IEC60529;IEC62116;IEC61727;EN50549-1;NC RfG;NRS 097;VDE-AR-N-4105;VDE0126;CEI0-21;C10/C11				

\* Specifications subject to change without prior notice.