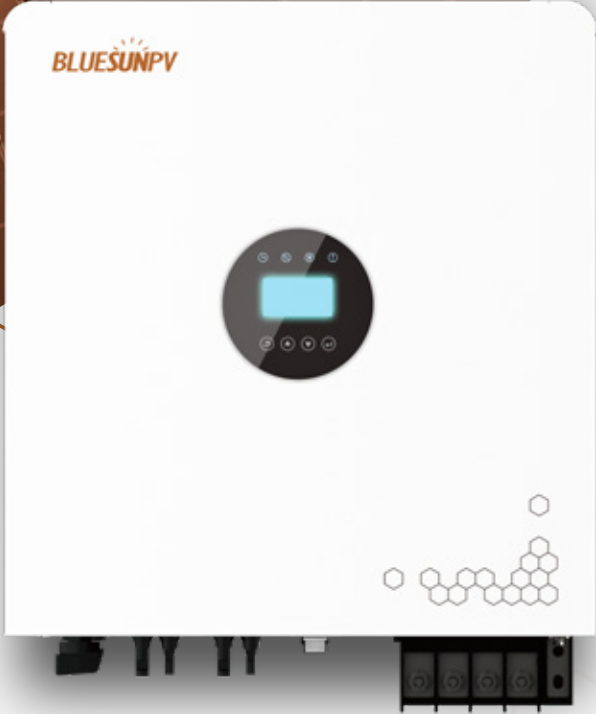


THREE PHASE
BSM SERIES

BSM50K-B
PV On-Grid String Inverter Zero Export

50 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
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
	Max. Input Current Per MPPT	32A
	Max. Short-circuit Current Per MPPT	48A
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
	Power Factor(Φ)	0.8leading-0.8lagging
	THDi	3%
Efficiency	Max. Efficiency	98.5%
	Euro Efficiency	98.2%
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
General Specifications	Dimensions W x H x D	515x585x287mm
	Weight	51kg
	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.