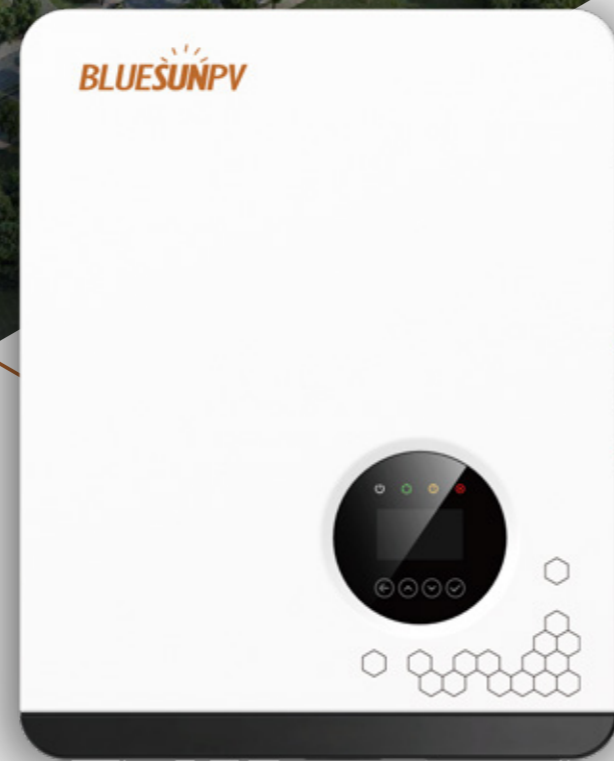


BLUESUNPV

THREE PHASE  
BSM SERIES

BSM25-40K-B  
PV On-Grid String Inverter Zero Export

25/30/40 KW



Max. PV Voltage Up To 1100V  
Type II DC / Triple MPPT



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



DC/AC Ratio Up To 1.5  
IP66 Protection



High Efficiency Up To 98.7%  
Smaller And Lighter

YOUR BEST PV SUPPLIER

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MODEL	BSM25K-B	BSM30K-B	BSM40K-B	
Input(DC)	Max. DC voltage	1100V		
	Nominal voltage	620V		
	Start voltage	250V		
	MPPT voltage range	140V~1,000V	200 V~1,000V	200 V~1,000V
	Number of MPPT tracker	2	3	3
	Strings per MPPT tracker	2	2	2
	Max. input current per MPPT	30A	30A	30A
	Max. short-circuit current per MPPT	40A	40A	40A
Output(AC)	Nominal AC output power	25000W	30000W	40000W
	Max. AC output power	27500VA	33000VA	44000VA
	Nominal AC voltage	400V 3L+N		
	AC grid frequency range	50 / 60Hz(±5Hz)		
	Max. output current	39.9A	47.8A	63.8A
	Power factor(Φ)	0.8leading-0.8lagging		
	THDi	3%		
Efficiency	Max. efficiency	98.6%	98.7%	98.7%
	Euro efficiency	98.3%	98.4%	98.4%
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		
	Dimensions W x H x D (mm)	380x483x193	380x483x223	380x483x227
Weight(kg)	20.7	25.5	32.5	
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;CEIO-21;G98;G99;C10/C11;NB/T32004-2018; GB/T19964-2012			

\* Specifications subject to change without prior notice.

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