

Three Phase
ZMPPTs

BSM10-15K-B

Commercial Small Power Inverter

10-15KW



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20% Max DC Overload



200Vdc low starting voltage
higher yield



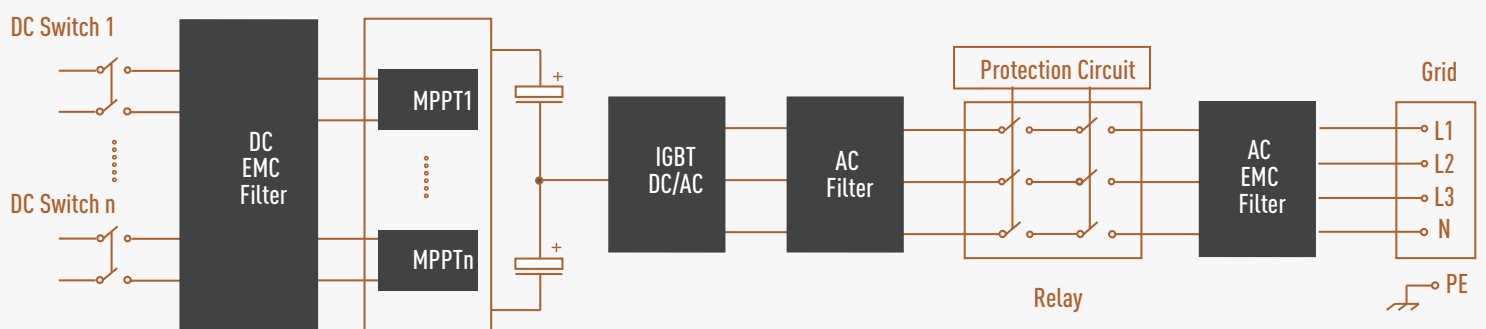
High precision & intelligent
string detection
Compatible with
182/210 PV panels



AC&DC type II SPD



Compact structure,
easy for installation
and maintenance



TECHNICAL PARAMETERS

Model	BSM10K-B	BSM15K-B	
DC Input	Max. DC Voltage	1100V	
	Starting Voltage	200V	
	MPPT Voltage Range	200V~1000V	
	MPPT Range Full Load	370V~850V	450V~850V
	Max. Input Current of Each MPPT	20A / 20A	26A /20A
	Max. short-circuit current	30A / 30A	39A / 30A
	Number of DC Inputs	1 /1	2 /1
	MPPT Number	2	
AC Output	Rated Output Power	10kW	15kW
	Max. Active Power (cos θ =1)	11kW	16.5kW
	Rated Output Voltage	400V(Three Phase)	
	Operating Voltage Range	300V~520V	
	Rated Output Current	14.5A	21.7A
	Max. Output Current	16.0A	23.9A
	Rated Grid Frequency	50Hz / 60Hz	
	Power Factor	0.8 (Leading) ~ 0.8 (Lagging)	
	THD	<3%	
System Parameters	Max.Efficiency	98.60%	98.61%
	European Efficiency	98.40%	98.40%
	AC/DC SPD	Support	
	Insulation Impedance Detection	Support	
	Residual Leakage Current Detection	Support	
	PV String Fault Detection	Support	
	Output Overcurrent Protection	Support	
	Protection Degree	IP65	
	Operating Temperature Range	-40 C ~ +60 C	
	Cooling System	Natural Cooling	Natural Cooling
	Standby Power Consumption	<1W	
	Topology Structure	Transformerless	
	Operating Altitude	5000m (Derating above 3000m)	
	Display	LED Indicator + APP	
	Communication	WiFi / GPRS / 4G	
Certification	IEC61683 / IEC62109 / IEC61000 / IEC62116 / IEC61727 / VDE0126 / VDE4105 / EN50549		
Parameters	Dimensions (W*H*D)	380*400*247mm	380*400*247mm
	Weight	22kg	22kg

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*Release BSMXXK-B-2023-01-Rev01-EN