

Three Phase
2MPPTs

BSM10-30K-B

Commercial Small Power Inverter

10-30KW



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20% Max DC Overload



200Vdc low starting voltage
higher yield



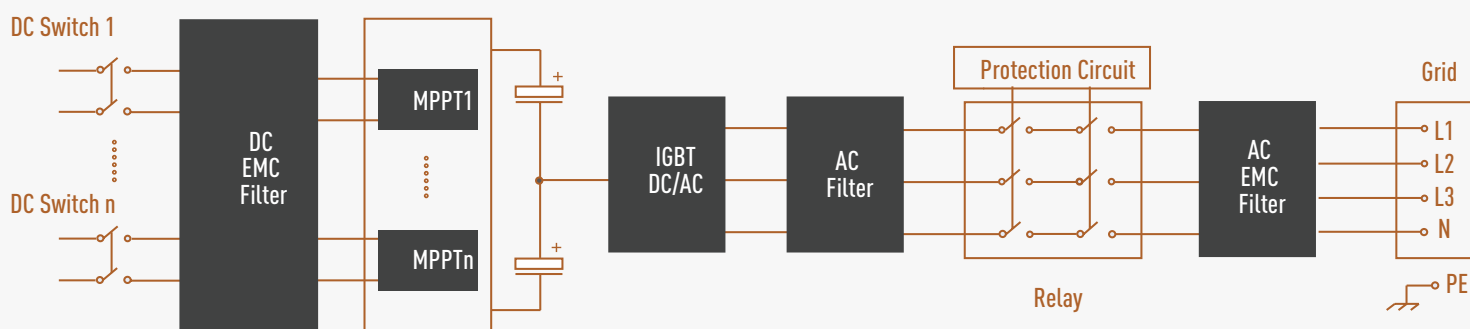
High precision & intelligent
string detection
Compatible with
182/210 PV panels



AC&DC type II SPD



Compact structure,
easy for installation
and maintenance



Technical Parameters

Model				
		BSM10K-B	BSM15K-B	BSM30K-B
DC Input	Max. DC Voltage	1100V		
	Starting Voltage	200V		
	MPPT Voltage Range	200V~1000V		
	MPPT Range Full Load	370V~850V	450V~850V	425V~850V
	Max. Input Current of Each MPPT	20A / 20A	26A /20A	40A /40A
	Max. short-circuit current	30A / 30A	39A / 30A	60A /60A
	Number of DC Inputs	1 /1	2 /1	3 /3
	MPPT Number	2		
AC Output	Rated Output Power	10kW	15kW	30kW
	Max. Active Power (cos θ =1)	11kW	16.5kW	33kW
	Rated Output Voltage	400V(Three Phase)		
	Operating Voltage Range	300V~520V		
	Rated Output Current	14.5A	21.7A	43.5A
	Max. Output Current	16.0A	23.9A	47.6A
	Rated Grid Frequency	50Hz / 60Hz		
	Power Factor	0.8 (Leading) ~ 0.8 (Lagging)		
	THD	<3%		
System Parameters	Max.Efficiency	98.60%	98.61%	99.00%
	European Efficiency	98.40%	98.40%	98.80%
	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℃ ~ +60℃		
	Cooling System	Natural Cooling	Natural Cooling	Smart Air 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		
Mechanical Parameters	Dimensions (W*H*D)	380*400*247mm	380*400*247mm	380*450*247mm
	Weight	22kg	22kg	35kg