

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



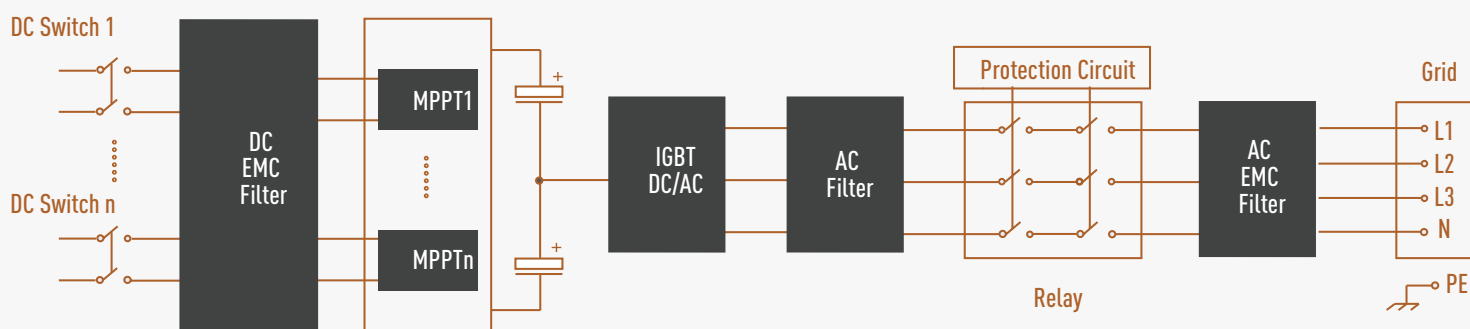
High precision & intelligent
string detection
Compatible with
182/210 PV panels



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℃ ~ +60℃		
	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		CE, IEC62109, VDE0126-1-1, VDE-AR-N4105, CEI 0-21, IEC62116&IEC61727, EN50438, EN50549		
Mechanical Parameters	Dimensions (W*H*D)		380*400*247mm		
	Weight		22kg		