

Commercial Medium Power Inverter



High Efficiency

Max. DC voltage 1100V.
Max efficiency 99.0%.
Double channels MPPT.
High precision & intelligent string detection.

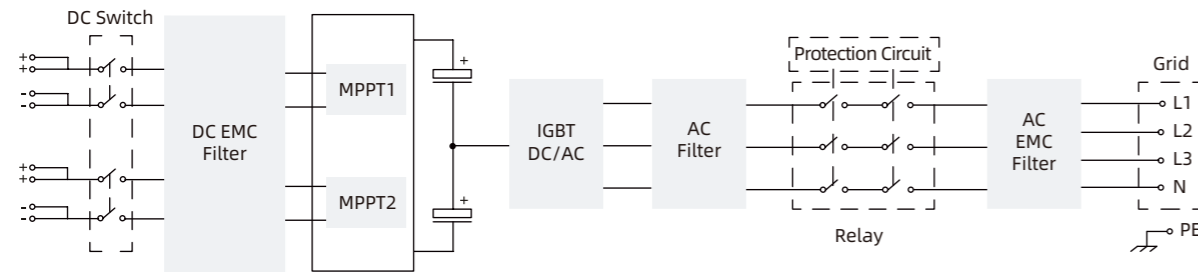


Reliable

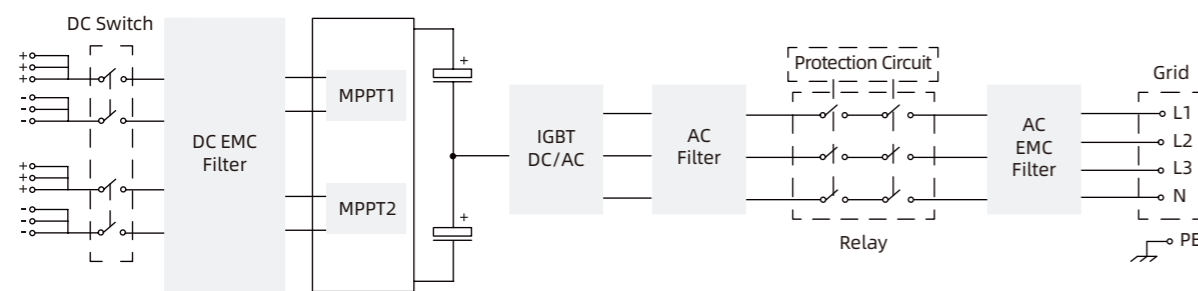
10K~22K natural cooling, 25K~33K smart air cooling.
Compact structure, easy for installation and maintenance.
Reliable under/over voltage protection, anti-islanding.
Built-in AC and DC lightning protection module and provide full range of lightning protection.
Mobile phone APP and check the status information of inverter.

Topological Graph

20~25K



30/33K



Technical Parameters

Model		BSM10K-B	BSM12K-B	BSM15K-B	BSM17K-B	BSM20K-B	BSM22K-B	BSM25K-B	BSM30K-B	BSM33K-B	
DC Input	Max. DC Voltage	1100V									
	Startup voltage	450V									
	MPPT Voltage Range	450V ~ 1000V									
	Max. Input Current of Each MPPT	11A/11A	22A/11A	22A/22A	26A/26A	33A/33A					
	Number of DC Inputs	2	3	4		6					
	MPPT Number	2									
AC Output	Rated Output Power	10kW	12kW	15kW	17kW	20kW	22kW	25kW	30kW	33kW	
	Max. Active Power (cosθ=1)	11kW	13.2kW	16.5kW	18.7kW	22kW	24.2kW	27.5kW	33kW	36.3kW	
	Rated Output Voltage	400V (Three Phase)									
	Operating Voltage Range	300V-480V									
	Rated Output Current	14A	17A	22A	25A	29A	32A	36A	43.3A	47.6A	
	Max. Output Current	16A	19A	24A	27A	32A	35A	39.7A	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%	98.62%	98.63%	98.65%	98.94%	99.00%	98.80%	
European Efficiency		98.30%						98.26%	98.50%	98.26%	
AC/DC SPD		Support									
Insulation Impedance Detection		Support									
Residual Leakage Current Detection		Support									
PV String Fault Detection		Support									
Output Overcurrent Protection		Support									
Protection Level		IP65									
Operating Temperature Range		-25°C ~ +60°C									
Cooling System		Natural Cooling						Smart Air Cooled			
Standby Power Consumption		<1W									
Topology Structure		Transformerless									
Operating Altitude		5000m (Derating above 4000m)									
Display		LED Indicator + APP									
Communication		RS485 / WiFi / GPRS									
Certification	IEC62109, IEC61000, IEC62116, IEC61727, EN50549, CQC, CGC										
Mechanical Parameters	Dimensions (W*H*D)	485*485*266mm									
	Weight	<30kg						<35kg			