



## BSM series Solar Storage Inverter

# BSM- 10200LV-48

### EFFICIENCY

Advanced MPPT technology with up to 99.9% efficiency  
Up to 22+22A PV input current

### SAFETY

360 degrees of security from hardware to software  
Multiple safety approvals

### ALL-IN-ONE

Up to 200A charging current  
Support Li-ion battery BMS communication

### RELIABLE

Outputs high quality pure sine wave AC power  
Up to 6 units in parallel connection

### USER-FRIENDLY

Industrial design with a modern aesthetic look  
Easy to install and simple to use

### INTELLIGENT

Exclusive Li-ion battery BMS dual activation  
Time-slot function to save cost with peak-valley

## »» APPLICATION SCENARIO



House



Farm



Telecom



Countryside



Island



Pasture

MODEL	BSM-10200LV-48	CAN BESET
<b>INVERTER</b>		
Rated Output Power	10,000W	
Max.Peak Power	15,000W	
Rated Output Voltage	230Vac (single-phase)	Y
Load Capacity of Motors	6HP	
Rated AC Frequency	50/60Hz	Y
Waveform	Pure Sine Wave	
Switch Time	10ms (typical)	
Parallel Capacity	1~6 units (single-phase / three-phase)	
<b>BATTERY</b>		
Battery Type	Li-ion / Lead-Acid / User Defined	Y
Rated Battery Voltage	48Vdc	
Voltage Range	40~60Vdc	Y
Max.MPPT Charging Current	200A	Y
Max.Mains/Generator Charging	120A	Y
Max.Hybrid Charging Current	200A	Y
<b>PV INPUT</b>		
Num. of MPPT Trackers	2	
Max.PV Array Power	5,500W + 5,500W	
Max.Input Current	22A+22A	
Max.Voltage of Open Circuit	500Vdc+500Vdc	
MPPT Voltage Range	125~425Vdc + 125~425Vdc	
<b>MAINS / GENERATOR INPUT</b>		
Input Voltage Range	90~275Vac	
Frequency Range	50/60Hz	
Bypass Overload Current	63A	
<b>EFFICIENCY</b>		
MPPT Tracking Efficiency	99.9%	
Max. Battery Inverter Efficiency	92%	
<b>GENERAL</b>		
Dimensions	620*435*130mm	
Weight	27kg	
Protection Degree	IP20, Indoor Only	
Operating Temperature Range	-10~55 C ,>45 C derated	
Noise	<60dB	
Cooling Method	Internal Fan	
Warranty	18 Months	
<b>COMMUNICATION</b>		
Embedded Interfaces	RS485/CAN/USB/ Dry contact	Y
External Modules (Optional)	Wi-Fi / GPRS	Y