

BES Series

ALL-IN-ONE ENERGY STORAGE SYSTEM



Product Feature:

- Flexible And Easy Installation, Support Wall Mounted.
- 10~+55℃ Widely Temperature Range.
- Soc,run,alarm Display-and Remote App Monitoring.
- Ovp, Lvp, Ocp, Otp, Ltp Protection.
- Product Level: Waterproof Level IP65.
- Low Voltage System Ensures Safety In Application.



Layout Diagram:



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MODEL	BES7200 - 148 - 10KWH	BES7200 - 148 - 16KWH
Load power	7200W	
Total Energy(Wh)	10240WH	16076WH
Number of parallel	Up to 4pcs parallel	
SOLAR INPUT		
Maximum PV Open - circuit Voltage	550VDC	
PV Working Voltage range	80 - 500VDC	
MPPT Voltage Range	80 - 500VDC	
Maximum PV Input Current(A)	18*2	
Maximum PV Input Power(W)	4500W*2	
Maximum PV Charging Current(A)	160A	
Number of MPPT interface	2 way	
AC INPUT(GENERATOR/GRID)		
Rated input Voltage	110/220VAC	
Input Voltage Range	55 - 145VAC±2%	
Frequency	50Hz/60Hz(Automatic Detection)	
Mains Charging Efficiency	>95%	
AC OUTPUT		
Output Voltage Waveform	Pure Sine Wave	
Rated Output Voltage(VAC)	110/220V,120/240V split phase	
Rated Output Power(W)	7200W	
Peak Power(W)	14400W	
Output Frequency Range(Hz)	50Hz±0.3Hz/60Hz±0.3Hz	
Maximum Efficiency	>93%	
Switch Time(Bypass And Inverter)	10ms(Typical Value)	
Maximum Bypass Overload Current	40A	
Protection	Over Voltage, Low Voltage, Over Current, Over Temperature, Low Temperature, Short Circuit	
GENERAL		
Communication Protocol	RS232,RS485 Protocol	
IP level	IP65	
Certificate	CE(IEC62109 - 1)	
EMC Certification Level	EN61000,C2	
Operating Temperature(℃)	-10 - 55℃ (-20-55 , Optional heated film design)	
Storage Temperature(℃)	-25 -60℃	
Humidity Range	5% to 95%(Conformal Coating Protection)	
Dimension(W*D*H, mm)	635*200*1200	635*200*1500
Weight (kg)	120KG	160KG
Optional Configuration	WIFI module	
Standard Configuration	PV input wiring harness (1 m) AC output/input wiring harness(1 m)	