BSLBATT®
Best Solution Lithium Battery

ESS-BATT Cubicon Series

The Ultimate Battery Solution for Large-scale Applications



200kWh/215kWh/225kWh/241kWh

200C / 215C / 225C / 241C

ESS-BATT Cubicon Series battery system is engineered to meet the vast energy demands of industrial and commercial enterprises. As the most powerful model in BSLBATT's acclaimed ESS-GRID series, the system offers unmatched energy storage capacity, ensuring a reliable and continuous supply of power for demanding applications.

- Huge energy capacity
- Advanced LFP technology
- Modularity and scalability
- Intelligent temperature control system
- 10-year warranty
- IP55 safety protection

Bessteq
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Item	General Parameter			
Model	ESS-BATT-200C	ESS-BATT-215C	ESS-BATT-225C	ESS-BATT-241C
Series and Parallel	16S1P*14=224S1P	16S1P*15=240S1P	16S1P*14=224S1P	16S1P*15=240S1P
Cooling Method	Air-cooling			
Rated Capacity	280Ah		314Ah	
Rated Voltage	DC716.8V	DC768V	DC716.8V	DC768V
Operating Voltage	627.2V~806.4V	672V~864V	627.2V~806.4V	672V~864V
Recommended Voltage	649.6V~784V	696V~840V	649.6V~784V	696V~840V
Cell Capacity	200.7kWh	215kWh	225kWh	241kWh
Rated Charge Current	140A		157A	
Rated Discharge Current	140A		157A	
Peak Current	200A(25℃, SOC50%, 1min)			
Protection Level	IP55			
Firefighting Configuration	Pack level + Aerosol			
Discharge Temp.	-20℃~55℃			
Charge Temp.	0℃~55℃			
Storage Temp.	0℃~35℃			
Cycle Life	＞6000 Cycles (80% DOD @25℃ 0.5C)			
Dimension(mm)	1150*1282*2300(±5)			
Weight(With Batteries Approx.)	2210Kg ±3%	2300Kg ±3%	2247Kg ±3%	2360Kg ±3%
Operating Temp.	-20℃~55℃			
Communication Protocol	CAN/RS485 ModBus/TCP/IP/RJ45			
Noise Level	＜75dB			
Functions	Pre-charge, Over-Less Voltage/Over-Less Temperature Protection, Cells Balancing/SOC-SOH Calculation etc.			
Certifications	IEC62619 / IEC62477 / IEC62040 / IEC61000 / CE			

Note: The above models are typical configurations, and can also be used for micro-grid and other scenarios with optional photovoltaic charging modules, switching modules, industrial frequency transformers and other components, integrated optical storage, and integrated system cabinets.