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
- IP54 safety protection

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 Range	560V~817.6V	600V~876V	560V~817.6V	600V~876V
Voltage Range	627.2V~795.2V	627.2V~852V	627.2V~795.2V	627.2V~852V
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	IP54			
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*1100*2300(±10)			
Weight(With Batteries Approx.)	1580Kg	1630Kg	1680Kg	1750Kg
Dimension(W*H*D mm)	173.7*72*204.6		173.7*72*207.2	
Weight	5.4±0.15kg		5.45±0.164kg	
Operating Temp.	-20℃~55℃			
Communication Protocol	CAN/RS485 ModBus/TCP/IP/RJ45			
Noise Level	＜65dB			
Functions	Pre-charge, Over-Less Voltage/Over-Less Temperature Protection, Cells Balancing/SOC-SOH Calculation etc.			

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.