



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

Item	General Parameter			
	ESS-BATT-200C	ESS-BATT-215C	ESS-BATT-225C	ESS-BATT-241C
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	DC768.0V	DC716.8V	DC768.0V
Operating Voltage	627.2V~795.2V	672.0V~852.0V	627.2V~795.2V	672.0V~852.0V
Cell Capacity	200.7kWh	215.0kWh	225.0kWh	241.1kWh
Rated Charge Current	140A		157A	
Rated Discharge Current	140A		157A	
Peak Current	200A(25°C, SOC50%, 1min)			
Protection Level	IP55			
Firefighting Configuration	Hot-air aerosol			
Discharge Temp.	-20°C~55°C			
Charge Temp.	0°C~55°C			
Humidity Range	10% ~ 90% RH (No Condensation)			
Storage Temp.	0°C~35°C			
Altitude Limit	3000m			
Cycle Life	> 6000 Cycles (80% DOD @25°C 0.5C)			
Dimension(mm)	1150*1282*2300(±5)			
Weight(With Batteries Approx.)	2210Kg ±3%	2300Kg ±3%	2247Kg ±3%	2360Kg ±3%
Operating Temp.	-20°C~55°C			
Communication Protocol	CAN / RS485 ModBus / RTU			
Noise Level	70dB			
Functions	Pre-charge, Over-Voltage/Over-Temperature Protection, Cells Balancing/SOC-SOH Calculation etc.			
Certifications	UN38.8		UN38.3 / EC62619 / 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.