

C&I Energy Storage Battery

215KWh

The 215KWh outdoor cabinet battery system applied in industrial and commercial scenarios adopts a modular battery box design, with battery cooling through air-cooling.

The energy storage system utilizes LFP batteries for safer and more efficient performance. The distributed design allows the system to have the ability to expand flexibly, and the flexible module combination easily meets the increase in energy demand, while maintenance and overhaul are also more convenient.

Meanwhile, it also has an intelligent temperature control function, which can control the temperature according to the real-time situation, improve the efficiency of the system and extend the cycle life of the battery.



Small footprint, easy installation and maintenance



High charge/discharge efficiency



Adopts multi-protection BMS management system, safe and reliable



Advanced thermal management system

Technical Indicator

Model	A21-215KFA1	A21-215KFA2	A21-215KFA3	A21-215KFAA
Nominal Energy	215KWh	215KWh	215KWh	215KWh
Nominal Voltage	768V	768V	716.8V	716.8V
Nominal Capacity	280Ah	280Ah	300Ah	300Ah
Group Plan	1P240S	1P240S	1P224S	1P224S
Standard Charge	56A	56A	56A	56A
Standard Discharge	56A	56A	56A	56A
Max Charging Current	150A	150A	150A	150A
Max Continuous Discharging Current	150A	150A	150A	150A
Upper Limit Charging Voltage	840V	840V	784V	784V
Discharge Cut-off Voltage(Udo)	660V	660V	628V	628V
IP Grade	IP21	IP54	IP21	IP54
Cooling	For containers	Air cooling	For containers	Air cooling
Fire Fighting System		Heptafluoropropane		Heptafluoropropane
Communication	Modbus-RTU/TCP	Modbus-RTU/TCP	Modbus-RTU/TCP	Modbus-RTU/TCP
Operating Temperature Range	-20-50°C	-20-50°C	-20-50°C	-20-50°C
Operating Humidity	≤95% (No condensation)	≤95% (No condensation)	≤95% (No condensation)	≤95% (No condensation)
Operating Altitude	≤3000m	≤3000m	≤3000m	≤3000m
Dimensions (L*W*Hmm)	1040*750*2300	1100*800*2380	1040*750*2300	1100*800*2380
Weight	2100kg	2300kg	1900kg	2100kg