

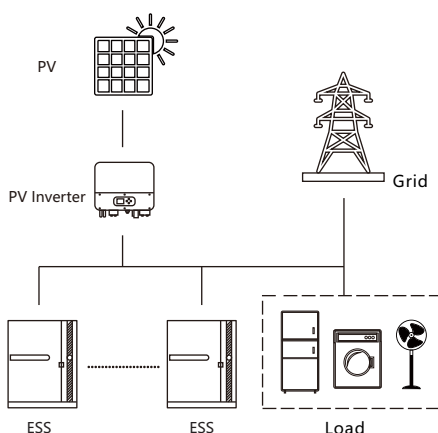
Power your life, Your way



BATTLINK 241 Smart commercial & industrial energy storage

The BATTLINK215 commercial & industrial energy storage series adopts the All in one design concept. The cabinet is integrated with battery management system (BMS), energy management system (EMS), modular power conversion system (PCS), and fire protection system. The system's capacity is up to 241 kWh and the power is up to 100 kW. The modular design allows for flexible expansion, adapting to various scenarios such as power expansion, backup power supply, and black start (The ability to restore power without relying on the help of other networks after the power system is out of service due to a fault.).

The BATTLINK 215 intelligent energy storage series is directly connected to the low-voltage side, and can realize multi-connection cabinets and flexible expansion. It can be used in a wide range of industrial and commercial application scenarios.


0.02

On&off grid switch time 0.02S,
Key load uninterrupted power supply

5

5-in-1 fire detection, comprehensive monitoring

24

Max. 24x in parallel

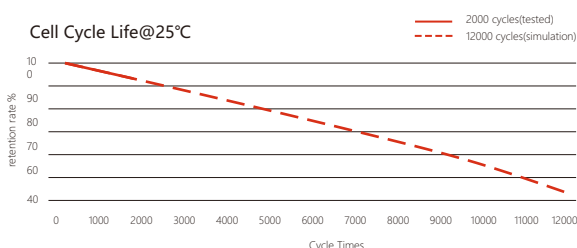
93

Max. round trip efficiency 93%

160

Max. continuous discharge current 160A

Cell Cycle Life@25°C



Adopt mature, safe, economical, green, long-life, high-reliability iron phosphate batteries



Integrate self-developed BMS, EMS, real-time monitoring and remote management



The modular interface can connect multiple machines in parallel, which is easy to expand and maintain



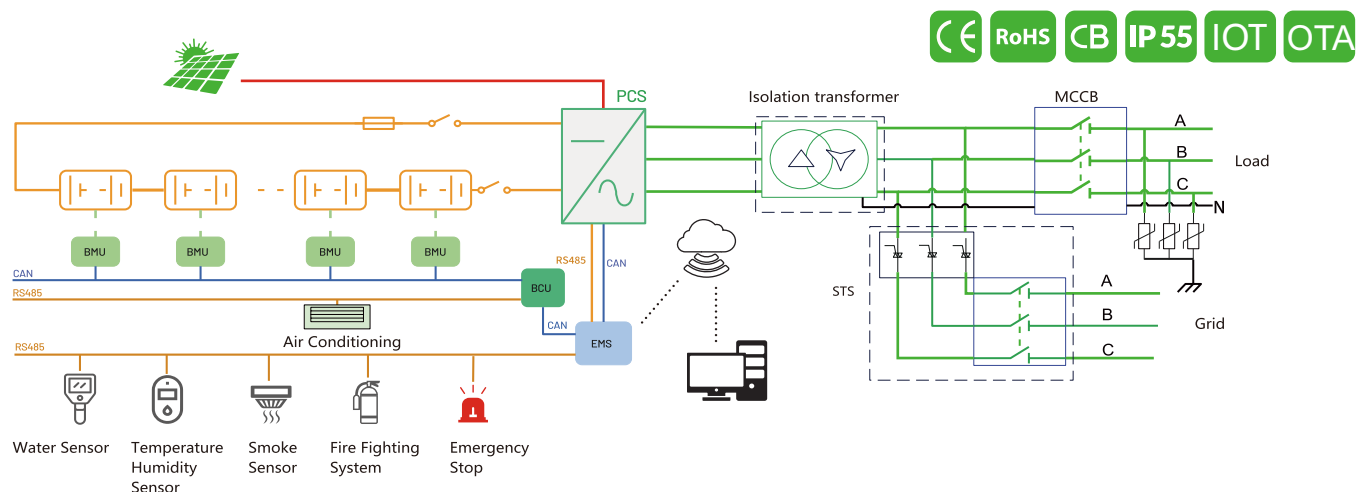
The key components adopt international famous brands with reliable quality



Adopt a full range of battery protection strategies and fault detection and isolation measures to ensure the safety of the energy storage system



Module temperature fluctuates smoothly, prolonging battery life



Product Model	BATT-CI-100/215	BATT-CI-100/241
Rated Battery Capacity(kWh)	215	241
Rated Voltage (V)	768	
Voltage Range (Vdc)	720-840	
Charge and Discharge Rate (P)	≤0.5	
Max. Round Trip Efficiency	93%	
DOD	95%	
Cooling Strategy	Industrial Air Conditioning	
Cycle Lifetime at EOL 70%	>6000cycles	
Fire Fighting System	Perfluorohexanone/Aerosol	
Rated Power (kW)	100	
Rated AC Voltage (Vac)	380/400	
AC Voltage Range	-15%~+10%	
Rated Grid Frequency(Hz)	50/60	
Size[Wx D x H,mm]	1520*1270*2117	
Weight(T)	2.6	
Enclosure Protection Rating	IP55	
Operating Temperature Range (°C)	-20- +55(>45 drop)	
Operating Humidity Range	0-95%	
Maximum Working Altitude(m)	≤4000(>2000 drop)	
Communication Interface	RS485,Ethernet	
Protocol	Modbus RTU, Modbus TCP,IEC104	
Battery Mudule		
Battery Type	LFP, 3.2V280Ah	LFP, 3.2V314Ah
Battery Module	64V280Ah,17.92kWh, 130kg	64V314Ah, 20.09kWh, 134kg
Battery Pack Configuration	240S1P	
Energy(kWh)	215.04	241.15
Standards Compliant	VDE4105 G98 G99 EN50549-1 BOS-P-01 C10/11 UN38.3	IEC62619 IEC61000 IEC62477 VDE4105 G98 G99 EN50549-1 BOS-P-01 C10/11 UN38.3

