

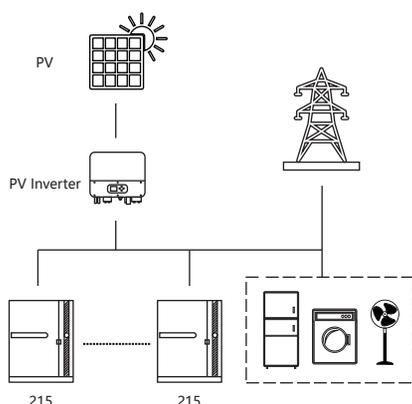
Power your life, Your way



Battlink 215 Smart Commercial & Industrial Energy Storage System

The BATTLINK 215 commercial & industrial energy storage system 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 215 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 system is directly connected to the low-voltage side, and can realize multi-connection cabinets and flexible expansion. It is the best choice for all industrial and commercial application scenarios.



- 0.02
- 5
- 24
- 93
- 160

- On&off grid switch time 0.02S, Key load uninterrupted power supply
- 5-in-1 fire detection, comprehensive monitoring
- Max. 24x in parallel
- Max. round trip efficiency 93%
- Max. continuous discharge current 160A



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



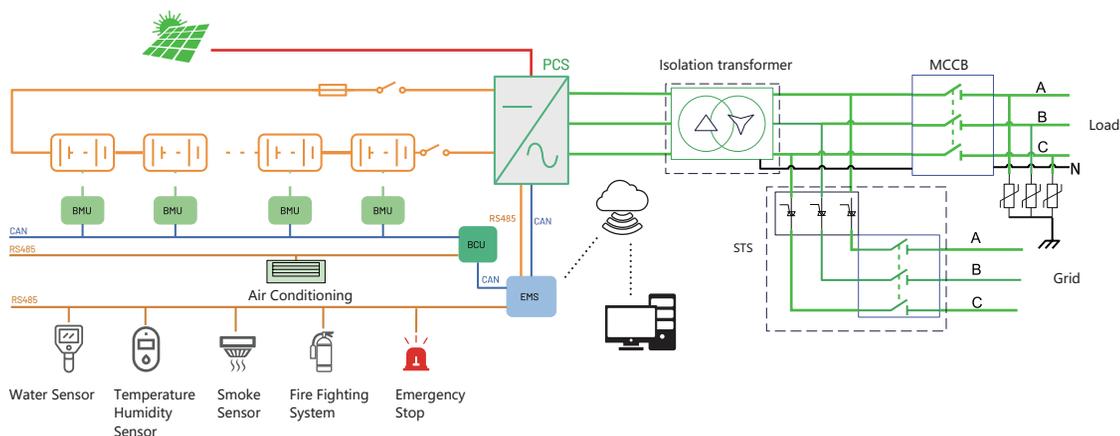
The key components adopt international famous brands with reliable quality



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



System Parameters

Rated Battery Capacity (kWh)	215
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 80%	≥8000cycles
Fire Fighting System	Perfluorohexanone
Rated Power (kW)	100
Rated AC Voltage (Vac)	380/400
AC Voltage Range	-15% ~ +10%
Rated Grid Frequency (Hz)	50/60
Size[W x 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 module

Battery Type	LFP, 3.2V280Ah
Battery Module	64V280Ah, 17.92kWh, 140.5kg
Battery Pack Configuration	240S1P
Rated Energy(kWh)	215.04
Standards Compliant	GB/T34120,VDE4105,G99,IEC50549,IEC62477,IEC61000,IEC62116, IEC62619,IEC62109

