

BATTLINK 2.4 MWh Liquid-cooled C&I ESS

The energy storage system uses a standardized 20-foot container integrated with Lithium Iron Phosphate (LFP) cells, supporting multi-unit parallel operation. It combines high energy efficiency, long lifespan, safety redundancy, and cost-effectiveness, optimized specifically for industrial and commercial energy storage and small to medium-sized grid-side applications.



■ Product Characteristics

Smart and User-Friendly

- Real-time status monitoring and fault logging, enabling early fault warning and post-event analysis.
- Integration with cloud platforms, supporting multi-device access and multi-user sharing.

Efficient and Flexible

- High-efficiency liquid cooling, improving both battery life and system discharge capacity.
- Integrated design with pre-assembled system for easy transportation and maintenance.

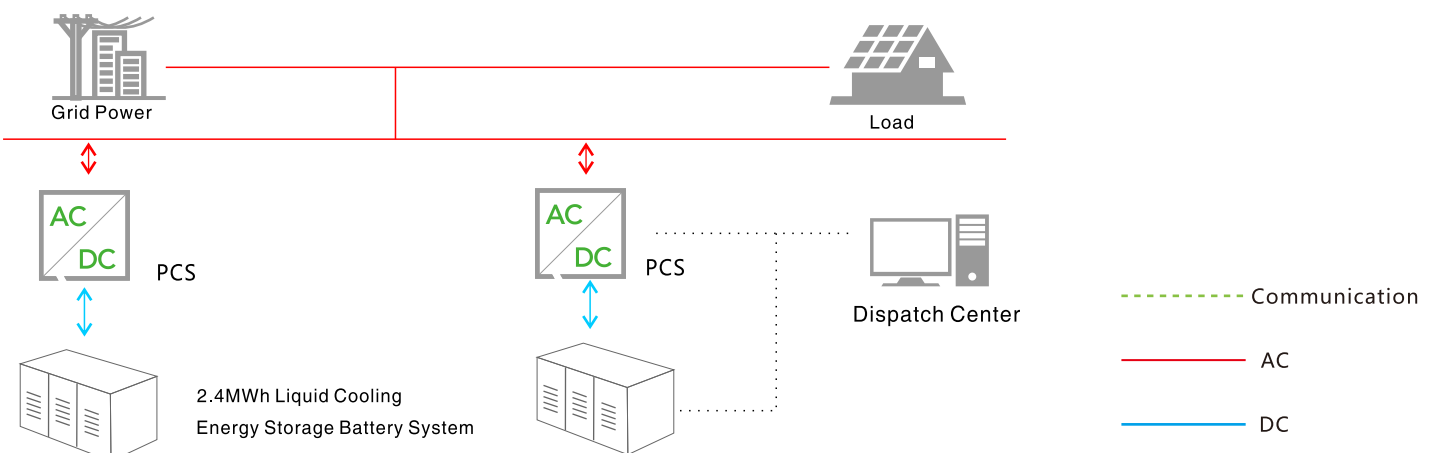
Safe and Reliable

- Battery pack IP67, energy storage system Ip55.
- Electrical and battery compartments are separated to prevent thermal runaway spread.

Powerful Performance

- Supports multiple usage scenarios.
- Supports long-term 105% overload usage.

■ Product Topology





■ Technical Index

Product Model		BATT-CI-1200/2411-Y
Battery Specifications		
System Rated Energy		2411kWh
Rated Voltage		768V
Voltage Range		696V ~ 852V
Battery Type		LFP, 3.2V314Ah
Battery Configuration		48S1P
Battery System Configuration		240S10P
Cycle Life		6000
AC Output Specifications		
Rated Power		1200kW
Rated AC Voltage		380/400Vac
Rated Grid Frequency		50/60Hz
Maximum Input Current		1732A
Power Factor		-0.99 ~ 0.99
System Parameters		
Fire Protection System		Perfluorohexanone
Protection Rating		IP55
Cooling Method		Liquid Cooling
Operating Temperature Range		-20~+60°C
Operating Humidity Range		0-95%
Operating Altitude		≤4000m
System Communication Interface		RS485, Ethernut
System Communication Method		Modbus-RTU, Modbus-TCP
Weight		24T (52911lb)
Dimensions (WxDxH)		6058*2438*2896mm(238.5*96*114inch)
Complies with Standards		UN38.3, EN50549-1, EN50549-2, IEC62619, IEC62477, IEC/EN 61000-6-2, IEC/EN 61000-6-4