

BATTLINK 241kWh Liquid-cooled C&I ESS

BATTLINK 241kWh Liquid-cooled C&I ESS uses an independent liquid cooling system to achieve higher energy density and heat dissipation capacity in a small volume. It also has the advantages of high efficiency, low noise, safety, reliability and easy expansion. It can be applied to various scenarios of industrial and commercial energy storage, covering industrial parks, supermarkets, hotels, office buildings, data centers, solar charging stations, etc. It effectively reduces electricity costs and improves energy efficiency.



Product Characteristics

Smart and Friendly

- Real-time status monitoring and fault recording, realizing early warning and post-fault analysis
- Access to the cloud platform, supporting multi-device access and multi-user sharing

Efficient and Flexible

- Modular design, support parallel connection, convenient system expansion
- Highly integrated, pre-assembled system, easy to transport and operate

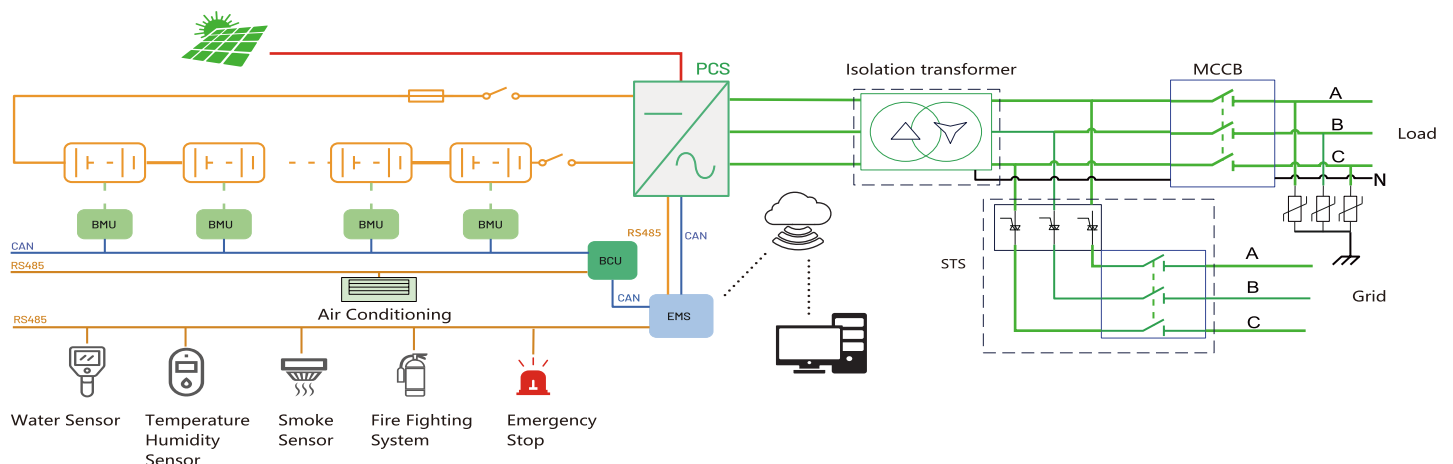
Safe and Reliable

- PACK-level immersion fire protection technology
- Multiple circuit protection, including short circuit, overvoltage, undervoltage, overload and overcurrent protection

Powerful Performance

- Support off-grid, grid-connected, microgrid and other scenarios
- Support long-term 105% overload use

Product Topology





■ Technical Index

Product Model		BATT-CI-125/241-Y
Battery Specifications		
System Rated Energy		241.05kWh
Rated Voltage		768V
Voltage Range		696V ~ 852V
Battery Type		LFP, 3.2V314Ah
Battery System Configuration		48S1P
Battery Configuration		240S1P
Cycle Life		6000
AC Output Specifications		
Rated Power		125kW
Rated AC Voltage		380/400Vac
Rated Grid Frequency		50/60Hz
Maximum Input Current		189A
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,Ethernet
System Communication Method		Modbus-RTU, Modbus-TCP
Weight		<3T (6614lb)
Dimensions (WxDxH)		1230*1400*2100mm (48.4*55.1*82.7inch)
Complies with Standards		UN38.3, EN50549-1, EN50549-2, IEC62619, IEC62477, IEC/EN 61000-6-2, IEC/EN 61000-6-4

