

BATTLINK Commercial and Industrial Energy Storage System

BATTLINK Commercial and Industrial Energy Storage System adopts the "ALL IN ONE" design concept, which integrates all components in a standard cabinet. 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, improves energy efficiency, and ensures the continuous operation of key equipment.



■ 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

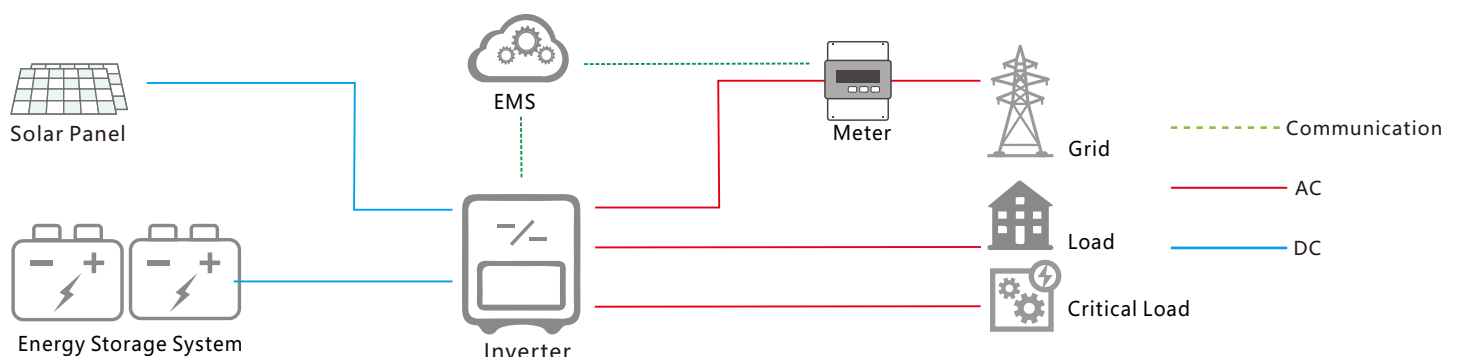
Safe and Reliable

- Energy storage system partition isolation, active safety monitoring
- 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



RoHS

CB

IP55

IOT

OTA

■ Technical Index

Model	BATT-CI-12/35		BATT-CI-30/50	BATT-CI-50/120
Battery Parameter				
System Energy	35.84kWh	51.2kWh	120.58kWh	
Rated Voltage	51.2V	512V	384V	
Voltage Range	46.4V ~ 56.8V	464V ~ 568V	348V ~ 426V	
Battery Type	LFP, 3.2V100Ah	LFP, 3.2V100Ah	LFP, 3.2V314Ah	
System	51.2V700Ah(16S7P)	512V100Ah(160S1P)	384V314Ah(120S1P)	
Cycle Life	6000	6000	6000	
PV DC input				
Maximum Input Current	18kW	60kW	100kW	
MPPT Operating Voltage Rage	90V~550V	150V~850V	150V ~ 850V	
Qyt. of MPPT/Maximum NO. of Input Strings	4/4	3/6	4/8	
Maximum Current	15A	60A	40A	
AC Output Parameter				
Rated Power	12kW	30kW	50kW	
Maximum Output Apparent Power	13.6kVA	33kVA	55kVA	
Rated Grid Voltage	220/230V	380/400V	380/400V	
Rated Grid Frequency	50/60Hz	50/60Hz	50/60Hz	
Maximum Input Current	52A	86.6A	76A/72.2A	
System Parameter				
IP Grade	IP55			
Cooling Method	Air-cooled			
Operating Temperature Range	-20~ +60℃			
Operating Humidity Range	0-95%			
Operating Altitude	≤4000m			
Communication Interface	RS485,Ethemet			
Communication Protocol	Modbus-RTU, Modbus-TCP			
Certificates	UN38.3, G99 , VDE-AR-N 4105, VDE-V-0124, EN50549-1, EN50549-2			
Weight	About 0.5T	About 0.75T	About 1.5T	
Dimensions(W*D*H)	1015*840*1419mm	1257*1120*1407mm	1278*1020*1970mm	

