

## BATTLINK 120kWh C&I ESS

BATT-CI-50/120 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

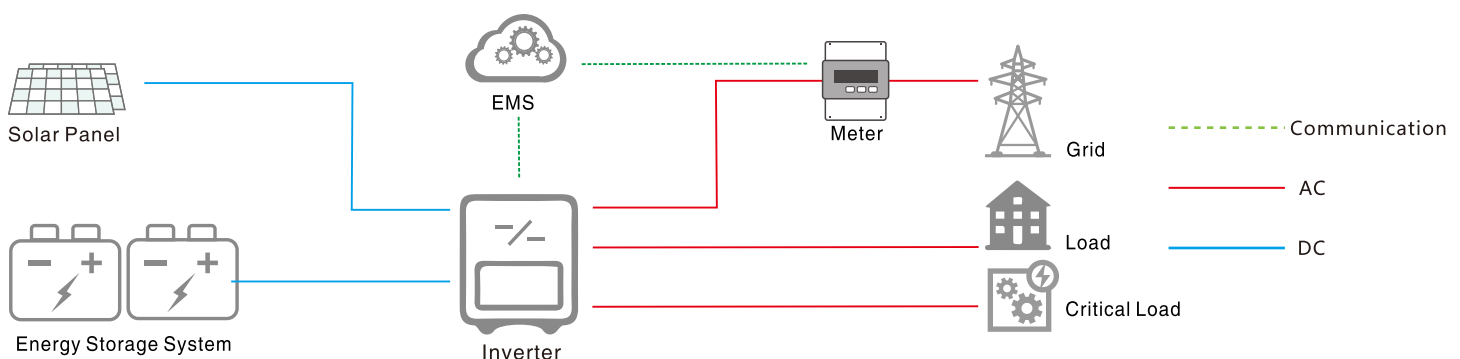
#### Safe and Reliable

- 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
- Photovoltaic supports 200% DC ratio, providing long-term backup power hours

### ■ Product Topology



## ■ Technical Index

Model		BATT-CI-50/120
<b>Battery Parameter</b>		
System Energy		120.58kWh
Rated Voltage		384V
Voltage Range		348V ~ 426V
Battery Type		LFP, 3.2V280Ah
System		120S1P
Cycle Life		6000
<b>PV Parameter</b>		
Maximum Input Current		100kW
MPPT Operating Voltage Range		150V ~ 850V
Qty. of MPPT/Maximum NO. of Input Strings		4/8
Maximum Current		40A
<b>AC Output Parameter</b>		
Rated Power		50kW
Overload Capacity		160%, 2S
Rated Grid Voltage		380/400V
Rated Grid Frequency		50/60Hz
Maximum Input Current		76A
<b>System Parameter</b>		
Fire Fighting System		Perfluorohexane
IP Grade		IP55
Cooling Method		Air-cooled
Operating Temperature Range		-20~+60°C
Operating Humidity Range		0-95%
Operating Altitude		≤4000m
Communication Interface		RS485, Ethernet
Communication Protocol		Modbus-RTU, Modbus-TCP
Weight		≤1300Kg
Dimensions(W*D*H)		1278*1020*1970mm
Certificates		UN38.3, G99, VDE-AR-N 4105, VDE-V-0124, EN50549-1, EN50549-2

