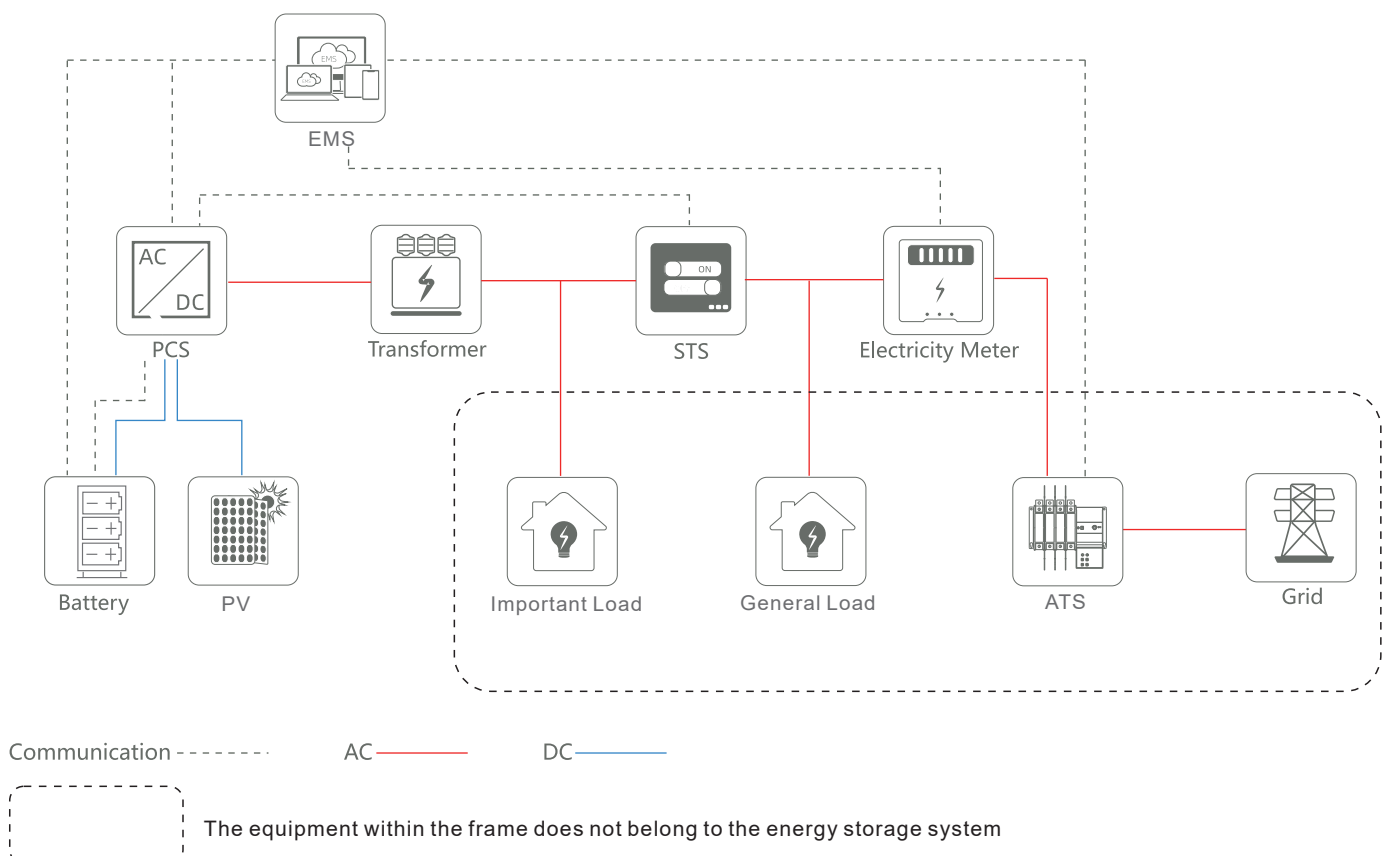


1.2MWh Microgrid Air-cooled ESS



Features

- Comprehensive Functions**
 - Enables hybrid energy integration with multiple simultaneous inputs
 - Supports multiple modes, adaptable to different scenarios
- Efficient & Flexible**
 - Seamless switching ensures uninterrupted power for critical loads
 - Pre-assembly design for convenient transport, installation, and maintenance
- Safe & Stable**
 - Comprehensive circuit protection design enhances system reliability
 - Accurate thermal management and alerts ensure fire prevention





IEC 62619

MSDS

UN38.3

Model		BATT-GS-500/1205-M	
Application		Microgrid	
Battery Parameters			
Cell Type		LFP 3.2V/314Ah	
Battery Module		20S1P/20.09kWh	
System Configuration		240S5P	
Rated Voltage		768V	
Voltage Range		648~864V	
System Energy		1205.76kWh	
Charge/Discharge Rate		0.5P	
Cycle Life		6000	
Photovoltaic Parameters			
Max.Input Power	600kW	675kW	750kW
Operating Voltage Range		250~1000V	
Qty of MPPT	8	9	10
AC Output Parameters			
Rated Power		500kW	
Rated Voltage		400V	
Rated Current		722A	
Operating Frequency		50Hz/60Hz	
Power Factor		1 Leading~1 Lagging	
System Parameters			
System Efficiency		91%	
Thermal Management		Air-cooled	
Fire Protection System		Aerosol	
Operating Temperature		-20~+55°C(>45°C Derating)	
Operating Humidity		0~95% (Non-condensing)	
Operatinig Noise		≤75 dB(A)@3m	
Max. Operating Altitude		4000m(>2000m Derating)	
Ingress Protection		IP54	
Communication Method		Ethernet,4G	
Max. Parallel Units (Off-Grid)		4	
Weight		19T	
Dimensions(L*W*H)		6058*2438*2896mm	
Certification Standards		UN38.3,MSDS,IEC 62619,EN 62477,IEC 62933-5-2, EN IEC 61000-6-2/4,EN 62109-1/2,G99,EN 50549-1, NRS 097-2-1,IEC 62116/IEC 61727,IEC 61683	

Shenzhen Huaxing New Energy Technology Co., Ltd.

Address: NO.18, Mingcheng Road, Shijing Community, Shijing Street, Pingshan District, Shenzhen, China

Tel.: +86 400 110 0368 Email: info@battlink.com Web: www.battlink.com