

1.25~5MWh Liquid-cooled ESS



Features

Smart & Efficient

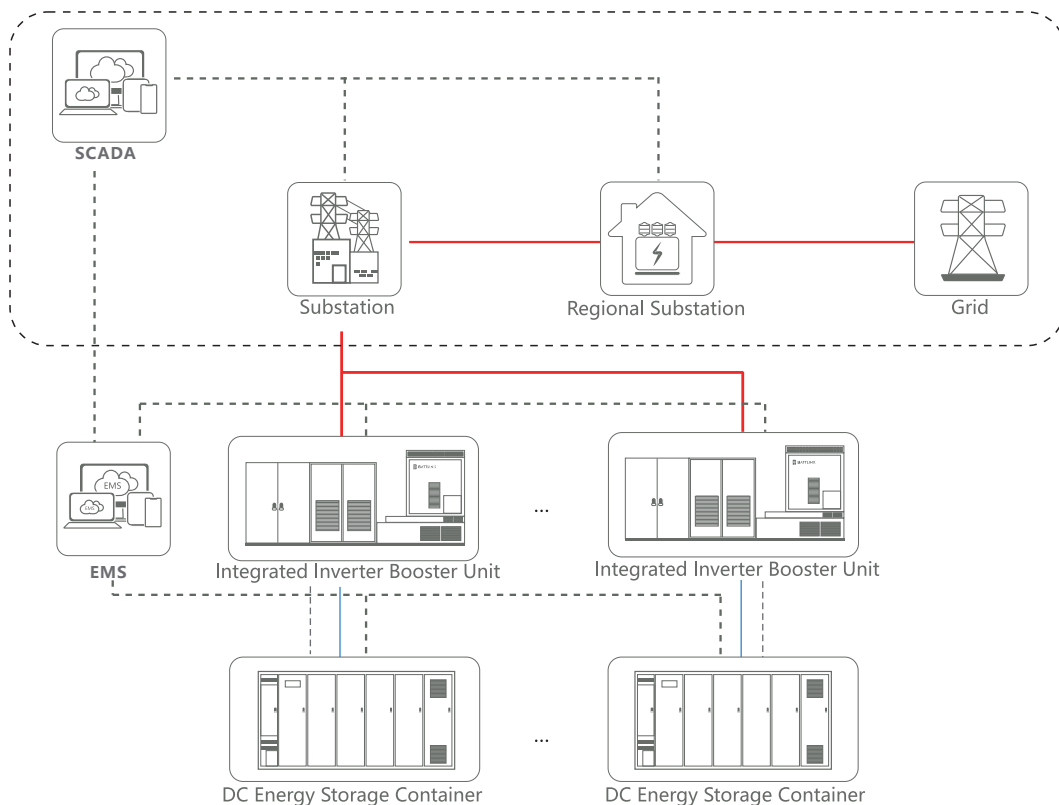
- Fully automated thermal control actively balances temperatures
- Pre-assembled system simplifies transport and maintenance

Safe & Reliable

- Independent AC/DC container design prevents failure spread
- Multi-level fire protection promptly contains thermal runaway

Powerful Performance

- Supports low/high voltage ride-through for enhanced grid stability
- Suitable for wide range of altitudes and temperatures



Communication ----- AC ————— DC —————

The equipment within the frame does not belong to the energy storage system

Battery Container		BATT-GS-3343-D		BATT-GS-4179-D		BATT-GS-5015-D	
Application				On-grid			
Cell Type				LFP 3.2V/314Ah			
Battery Module				104S1P/104.50kWh			
System Configuration		416S8P		416S10P		416S12P	
Rated Voltage				1331.2V			
Voltage Range				1123.2~1497.6V			
System Energy		3343.97kWh		4179.99kWh		5015.96kWh	
Charge/Discharge Rate				0.5P			
Cycle Life				7000			
Thermal Management				Liquid-cooled			
Fire Protection System				Aerosol			
Weight		32.8±0.5T		38.4±0.5T		44±0.5T	
Dimensions(L*W*H)				6058*2438*2896mm			
Integrated Inverter Booster Unit		BATT-INV-1500	BATT-INV-2000	BATT-INV-2500	BATT-INV-5000	BATT-INV-10000	
Rated Power		1500kW	2000kW	2500kW	5000kW	10000kW	
MV AC Voltage				10~35kV			
LV AC Voltage				690V			
Operating Frequency				50Hz/60Hz			
Power Factor				1 Leading~1 Lagging			
Transformer Type				Dry/Oil-Immersed Transformer			
Transformer Winding Type				Dy11			
Thermal Management				Air-cooled			
Dimensions(L*W*H)			6058*2438*2896mm			12192*2438*2896mm	
System Parameters							
System Efficiency				91%			
Operating Temperature				-20~+55°C (> 45°C Derating)			
Operating Humidity				0~95% (Non-condensing)			
Operating Noise				<75 dB(A) @3 m			
Ingress Protection				IP55			
Max. Operating Altitude				4000m (> 2000m Derating)			
Communication Method				Ethernet,4G			
Certification Standards			UN38.3,MSDS,IEC 62619,EN 62477,IEC 62933-5-2,EN IEC 61000-6-2/4,G99, VDE-AR-N 4110/4120,EN 50549-1&2/10,NTS 2.1,CEI 0-16(cluster)				

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