

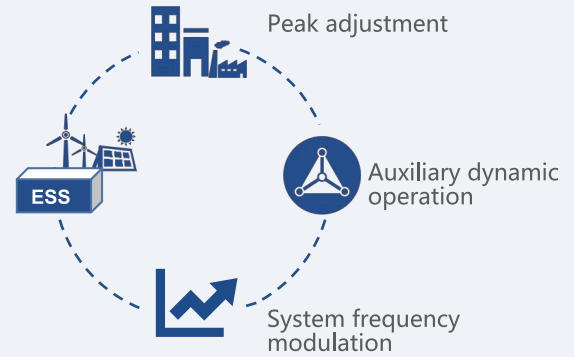


PowerBase

Air-cooling Containerized ESS Solution



On-grid renewable energy



High integration

20/40ft container(2.43/4.87MWh)



High reliability

Application -20~55°C

Enhanced seismic fortification & wind resistance

High safety performance

Real-time monitoring of cells,
gas and circular current
Emergent power-off protection
Prewarning/ linkage control



High intelligence

Intelligent control over temperature, charge & discharge,prewarning and remote O&M

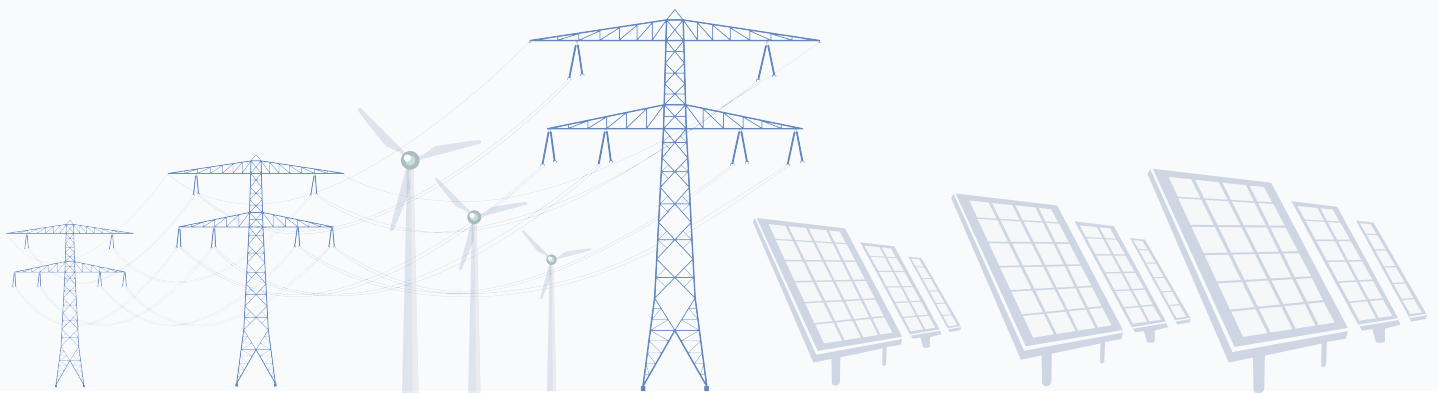
Modular design

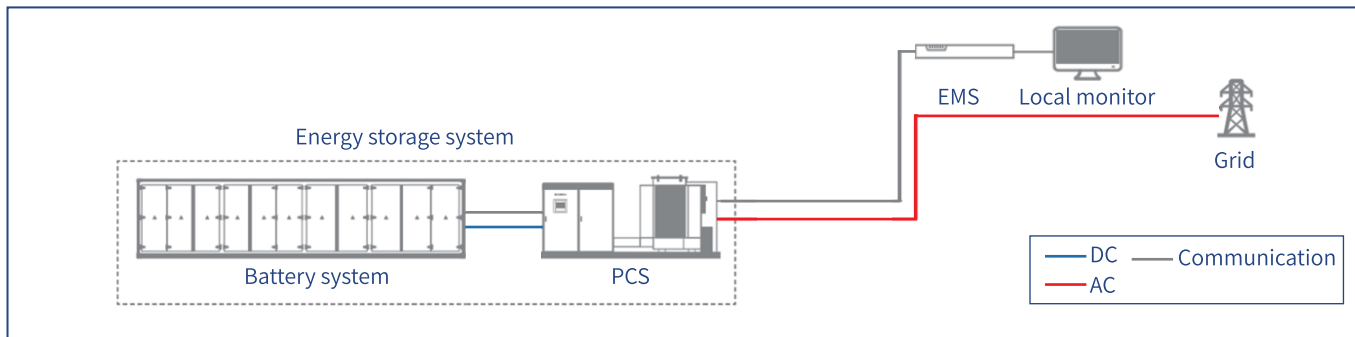
Flexible configuration
Convenient capacity expansion



Cost effective

High voltage, standard design, long service life,
high discharge capacity and energy efficiency
Low O&M cost and comprehensive cost





LIB module parameter

Cell grouping	1P20S
Rated capacity	17.92kWh
Rated voltage	64V
Standard C/DC rate	0.5C
Max continuous discharge current	280A(1C)
Cooling	Air cooling
Charge temperature	0°C~45°C
Discharge temperature	-20°C~55°C
Dimension (W*D*H)	W500mm*D950mm*H230mm
Weight	140kg

LIB cluster parameter

Cell grouping	1P340S
Rated capacity	304.64kWh
Rated voltage	1088V
Voltage range	952V~1241V
Standard C/DC rate	0.5C
Cooling	AC heating/cooling
Charge temperature	0°C~45°C
Discharge temperature	-20°C~55°C
Dimension (W*D*H)	W1200mm*D1000mm*H2500mm
Weight	2520kg

ESS Container Parameter

Cell grouping	8P*1P340S	16P*1P340S
Rated capacity	2437kWh	4874kWh
Rated voltage	1088V	1088V
Standard C/DC rate	0.5C	0.5C
Insulation resistance	10MΩ	10MΩ
Cooling	Air cooling	Air cooling
Charge temperature	0°C~45°C	0°C~45°C
Discharge temperature	-20°C~55°C	-20°C~55°C
Dimension (W*D*H)	W6058mm*D2438mm*H2896mm	W12192mm*D2800mm*H2896 mm
Weight	25T	50T
Control cabinet (busbar)	1*8	2*8
Air conditioner	2*25kW	4*25kW