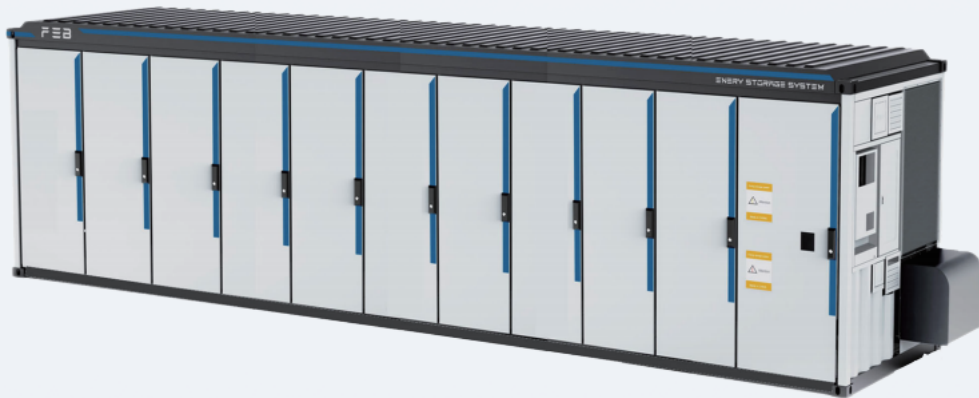
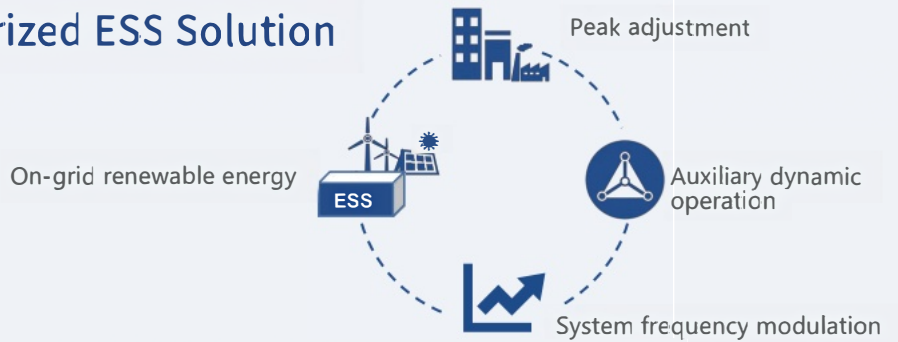




# PowerBase

## Liquid-cooling Containerized ESS Solution



### High system efficiency

Rated capacity of 20/40ft container -3.35/6.70MWh



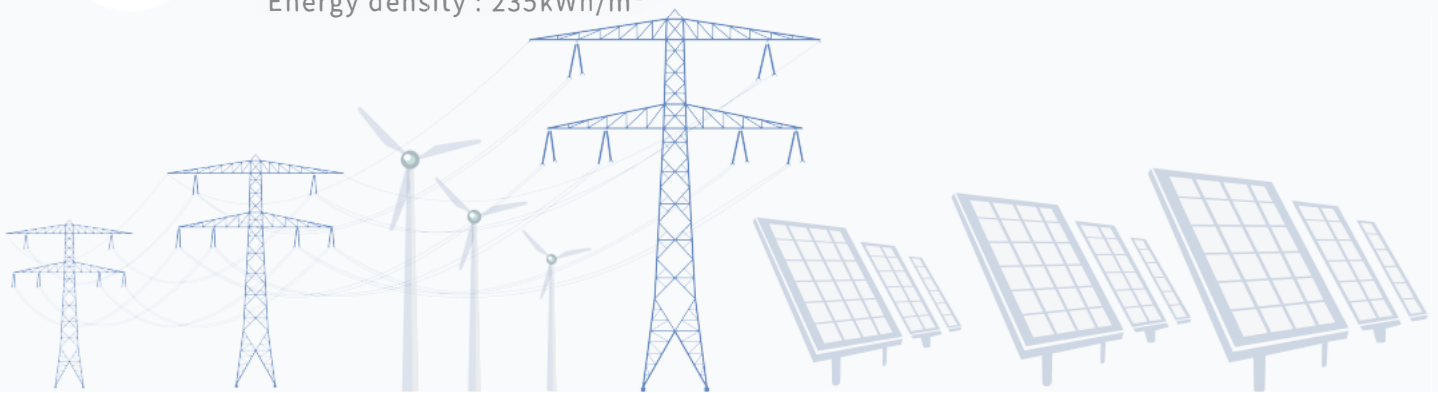
### Better safety performance

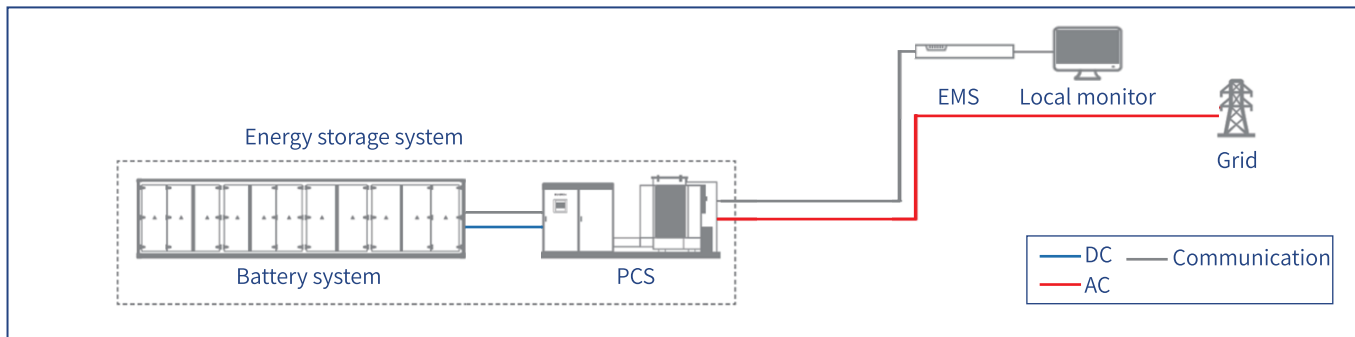
Module-level fire suppression solution  
High-efficient battery cluster  
Accurate control of cell thermal loss  
PACK-level fire suppression design



### High energy density

Rated capacity of single 40ft utility container: 6.709MWh  
Maximum capacity: up to 7.33 MWh  
Energy density : 235kWh/m<sup>2</sup>





### LIB module parameter

Cell grouping	1P52S
Rated capacity	46.59kWh
Rated voltage	166.4V
Standard C/DC rate	0.5C
Max continuous discharge current	280A(1C)
Cooling	Liquid cooling
Charge temperature	0°C~45°C
Discharge temperature	-20°C~55°C
Dimension (W*D*H)	W810mm*D1150mm*H245mm

### LIB cluster parameter

Cell grouping	1P416S
Rated capacity	372.73kWh
Rated voltage	1331.2V
Voltage range	1164.8V~1497.6V
Standard C/DC rate	0.5C
Cooling	Liquid cooling
Charge temperature	0°C~45°C
Discharge temperature	-20°C~55°C
Dimension (W*D*H)	W914mm*D1200mm*H2500mm
Weight	3300kg

### ESS Container Parameter

Cell grouping	9P*1P416S	18P*1P416S
Rated capacity	3354kWh	6709kWh
Rated voltage	1331.2V	1331.2V
Standard C/DC rate	0.5C	0.5C
Insulation resistance	10MΩ	10MΩ
Cooling	Liquid cooling	Liquid 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*D2650mm*H3050 mm
Weight	25T	70T
Control cabinet (busbar)	1*9	2*9
Air conditioner	1*40kW	2*40kW