

System Solution



Configuration:

- Solution has 2 sets of ST10030kWh-5000kW-MV;
- Each ST10030kWh-5000kW-MV unit contains 2 battery units of ST5015UX and a MVS unit;
The battery unit contains 416S12P LFP batteries with 5015kWh capacity, 12 PCSs with 210kVA, liquid cooling system, fire suppression system and other auxiliary devices in a 20ft container;
- The MVS unit contains SCC, a transformer, a RMU in a 20ft container.

Sub-system Configuration	
System Solution	ST10030kWh-5000kW-MV
Battery Unit	ST5015UX
Battery capacity(BOL) at DC side	5015kWh
Config.	314Ah, 416S12P
Weight (t)	≤42.5t
Dimension (W*H*D mm)	6,058*2896*2,438
Qty of battery Container	2
Nameplate Capacity kWh	10030
MV Station	MVS5140-LS
Transformer	Oil type, 5140kVA; 0.69kV/10kV, Dy11
RMU	CCV
MV Enclosure Dimension (W*H*D mm)	20ft.HQ 6,058*2,896*2,438