

# MOHANA Renewcare



1#Battery cabinet

2#Battery cabinet

3#Battery cabinet

4#Battery cabinet

Converging cabinet

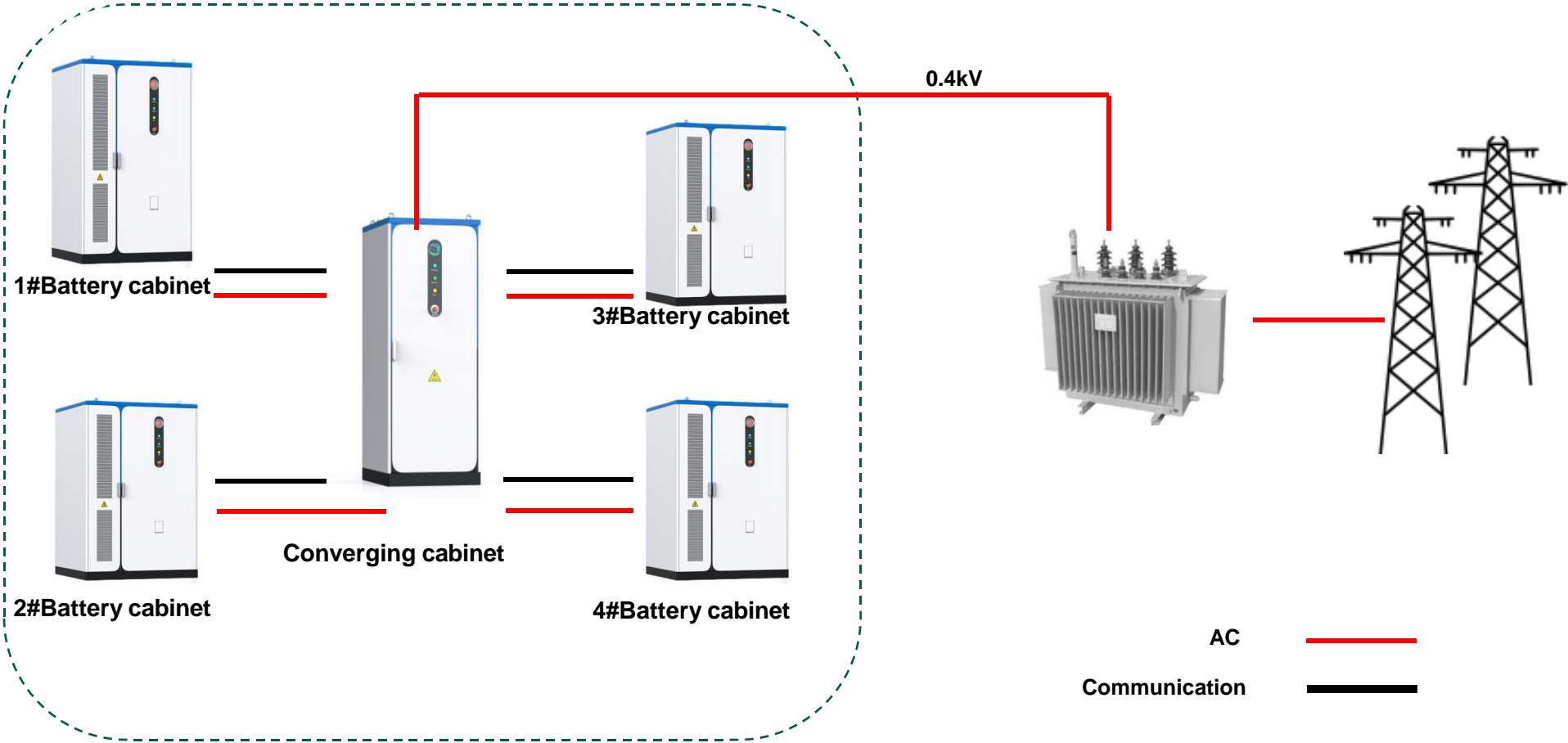
**500 KW/1.044 MWh BESS Product Specifications**

## Project Supply Scope

No:	Items	Specification	Qty	Unit	Remark
1	Battery cabinets	125 KW/261 KWh	4	No.	Each Battery Container consists of 1.1 ~ 1.4
1.1	Li-ion Battery System	261 KWh, 1P52S*5 , LFP	1	No.	Includes 5*1P52S modules, (BMU), Cluster Control Box (includes BC)
1.2	Liquid-cooled System	Liquid-cooled units with a refrigerating capacity of 5 KW	1	No.	
1.3	Fire Suppression System (FSS)	Includes smoke sensors, temperature sensors, combustible gas detectors, sound and light alarm system, and back up water-based suppression system	1	No.	
1.4	PCS	Rated power 125 KW for per PCS	1	No.	
2	Converging cabinet	Convergence function, communication function	1	No.	

# Station Topology

The field station topology of the whole system is shown in figure.



## System Specification

No.	Performance index	Parameter
1	Configuration	4* ( 1P52S*5 )
2	Qty. of Battery cabinet	4
3	Qty. of Converging cabinet	1
4	System capacity	1.044 MWh (4*261 KWh)
5	Rated AC power	500KW (4*125KW)
6	DC side voltage range	702~936V, DC
7	Rated DC side voltage	832V, DC
8	Rated AC side voltage	400V, AC
9	Operating temperature	-30°C~+50°C (Derated use above 45°C)
10	Altitude	≤4000m (>2000m derating)
11	IP level	IP55

### Contact us:

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