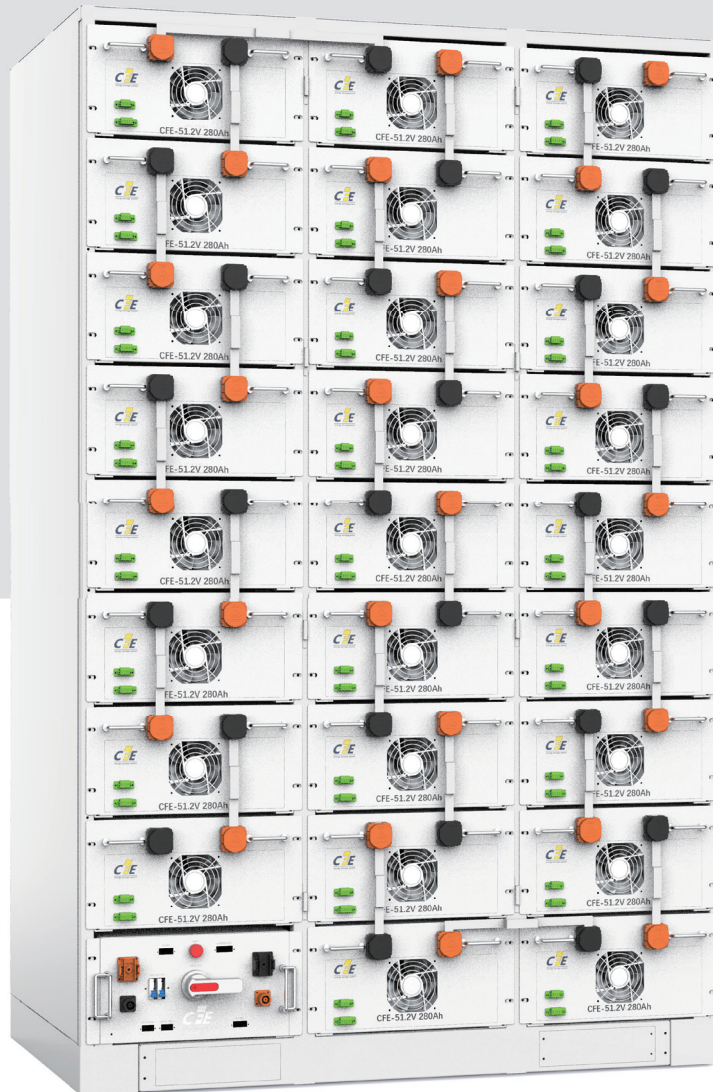


# 2.5MW5MWh Air-cooled container energy storage battery system Proposal



## High reliability

Combined with vehicle and energy storage design, combined with system accumulation to improve FMEA analysis, rock-solid performance, effectively guarantee long time operation.



## High security

Complete fault detection. For example, the voltage is broken, temperature is abnormal, and balance is abnormal. If an exception occurs, alarm is generated and handled in time to ensure failure safety.



## Low maintenance cost

With intelligent address allocation function, no manual setting is required, greatly reducing the maintenance cost of slave control.



## Full-time balancing strategy

Advanced full-time balancing strategy, effectively control cell inconsistency.

Model	RACK Parameter
Series-parallel	1P400S
Capacity	280Ah
Nominal Voltage	1280V
charge Cut-off Voltage	1460V
Discharge Cut-off Voltage	1120V
Standard charge	0.5C
Standard discharge	0.5C
Weight	3300kg
Dimension	1497*896*2355 (mm)
Cooling mode	Air cooling
Energy	358.4kWh

Model	Container Parameter
Series-parallel	14P400S (14 Racks connected in parallel)
Energy	5.02MWh
Power	2.5MW
Nominal voltage	1280V
Charge cut-off voltage	1460V
Discharge cut-off voltage	1120V
Capacity	3920Ah
Weight	64T
Dimension	13716*2438*3000 (mm)
Cooling mode	Air cooling
Grade of corrosion prevention	C4



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