

2.5MW5MWh



Product Features

Highly integrated:

628Ah LFP Cell.

The integration level is higher compared to 314Ah cells.

Convenient & Efficient:

Smart cluster-level management with system RTE $\geq 86\%$.

Optional Output:

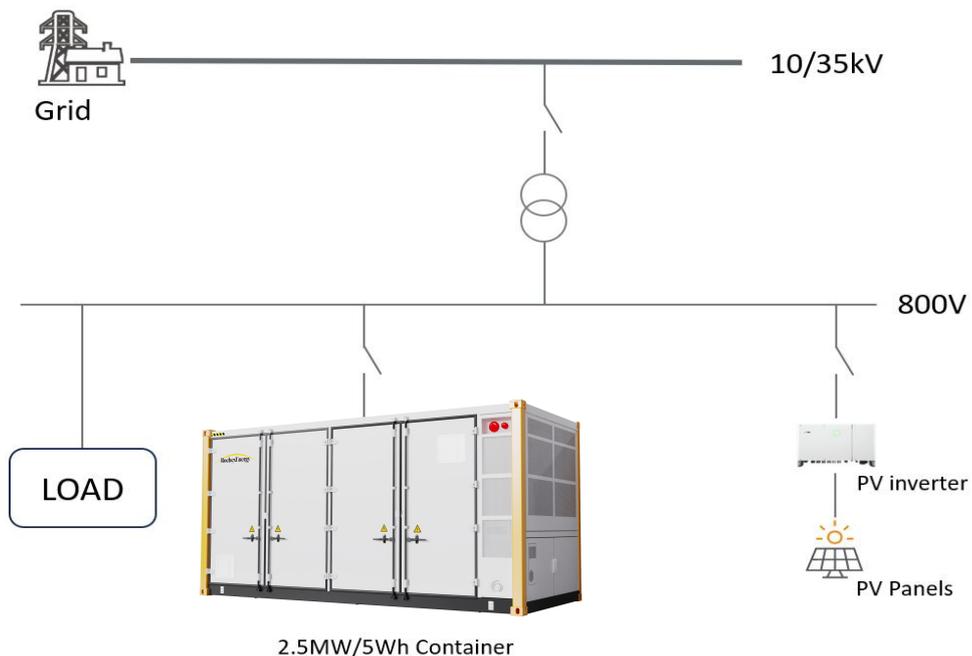
400V/690V/800V output .

Easy AC coupling with solar power.

Integrated Liquid Cooling:

PCS and battery modules with liquid cooling for wider adaptability.

System Layout



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DC Parameters

Battery Capacity	5.015MWh
Cell Capacity	628Ah (LFP)
PACK	1P52S Liquid Cooling
Battery Stack	6*1P416S
Rated Voltage	1331.2VDC
DC Voltage Range	1164.8VDC ~ 1497.6VDC

AC Parameters

Rated Power	2580kW
Rated Voltage	400V/690/800V
Connection Type	3P3W
Rated Frequency	50/60Hz

Protections

DC Side	Disconnect Switch & Fuse
Fire Protection	Aerosol & Water Fire Suppression

Environmental Conditions

Operating Temperature	-30~50°C(>45°C Derating)
Altitude	≤2000m
Humidity	0~95%(No Condensation)

Physical Characteristics

Weight	~45T
Dimensions(W*H*D)	~2438mm*6058mm*2896mm
IP Rating	IP55

Other

Communication Interface	Modbus TCP
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