

CBES-Liquid Cooled DC outdoor cabin

Highly integrated, efficient and convenient

The liquid cooled DC outdoor cabin adopts the modular integrated design and supports the parallel use of multiple DC cabins, flexibly adapting to different application scenarios. It meets the needs of peak shaving and load shifting, dynamic capacity expansion, demand response, backup power supply and microgrid.



Secured and Stable

- The life cycle of the liquid cooling medium is more than 10 years, ensuring the reliable operation of the system
- Dual FSS, combustible gas detection / exhaust / explosion design, efficient fire prevention and reignition



Smart and Efficient

- Efficient and reliable liquid cooling system, powered by interconnected between thermal management system and BMS, helps reduce auxiliary energy consumption
- Real-time accurate temperature monitor and control, ensures cell temperature difference $\leq 3^{\circ}\text{C}$, improve the consistency of the cell



Highly Integrated

- Modular integrated design
- Multiple DC cabins can be combined to flexibly match different scenarios



Easy Maintenance

- Remote upgrade /APP operation and maintenance / cloud-edge collaboration
- Support life cycle system fault diagnosis, battery health assessment and early warning



Peak shaving and load shifting



Dynamic expansion



Demand on response



Standby power supply

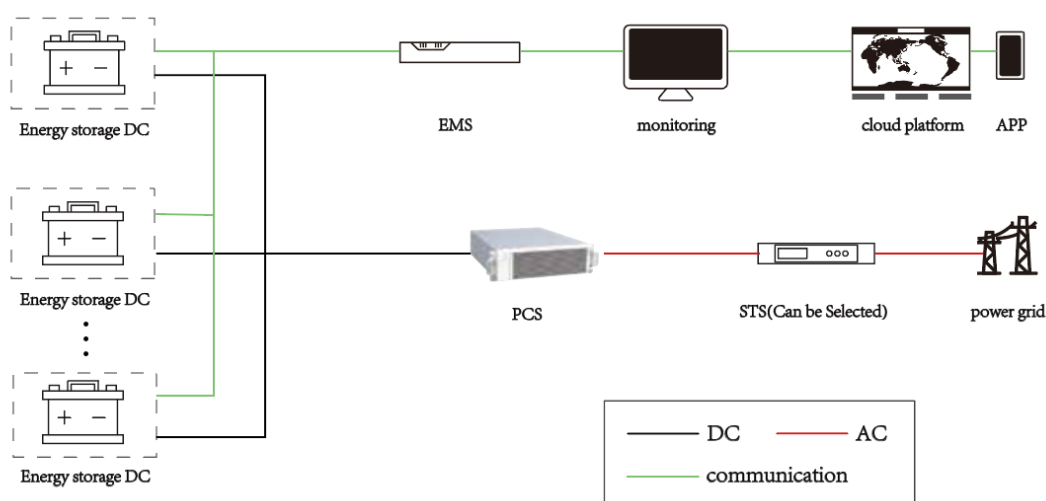


microgrid

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Distributed ESS

Technical Data	CBES-418KWh
DC	
Cell Type	LFP 3.2V/314Ah
System Configuration	1×1P416S
Rated Power	418KWh
Rated Charge/Discharge Rate	0.5C
Nominal voltage	1331.2V
Voltage range	1164.8-1497.6V
Cell Type	LFP 3.2V/314Ah
General	
Dimensions(W×D×H)	1400*1350*2350mm
Weight	3.5t
Operating Temperature	-20°C~+50°C
Relative Humidity	0-95% (No condensation)
Cooling Method	liquid cooling
Noise Level	≤80dB
Fire Suppression System	Aerosol
Communication Interface	Ethernet
Communication Protocol	Modbus TCP/IP
Code & Compliance	GB/T36276、IEC62619



*Information on this catalogue is subject to change without further notice! right to data, parameters and other information. No further notice!