

cornex M6

20 ft 6.25 MWh Battery Energy Storage Container

Preliminary



Comprehensive Safety

Multi-stage fusing design ensures comprehensive safety performance against short-circuit faults and operational safety.

Mixed explosion-proof system with multi-level fire protection to minimize risks.

High Efficiency & Flexibility

Enables active balancing and string management, guaranteeing enhanced energy efficiency and sustainability.

Enables flexible side-by-side and back-to-back arrangement to reduce site area.

More Capacity

Multi-stage variable-diameter balanced liquid cooling circuit design ensures system operating temp $\leq 35^{\circ}\text{C}$ and 20% longer service life.

Large single-container energy storage scale reduces system connection nodes, enhancing overall operational stability and energy efficiency.

Product Specification	Parameter
Cell Capacity (Ah)	588Ah
Configuration	8P416S
Nominal Energy (MWh)	6.25MWh
Nominal Charge/ Discharge Rate	0.25P/0.25P
DC output number	1/2/8
BMS Balancing Strategy	Active Balancing/Passive Balancing
Range of Working Voltage (V)	1164.8-1497.6V
Nominal Voltage (V)	1331.2V
Range of Working Temperature (°C)	-30~55°C
Operating Humidity	0~100%
Fire Protection	NFPA69/NFPA68
Thermal Management	Liquid Cooling + Liquid Heating
System Communication	RS485/CAN/Ethernet
IP Protection	IP55
Dimension (L*W*H mm)	6058mm*2438mm*2896mm (20ft)
Container Layout	side-by-side and back-to-back layout supported
Weight (T)	≤ 49T

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