

CESS ENERCUBE

DISTRIBUTED ENERGY CABINET, ADOPTED ALL-IN-ONE DESIGN (WITHOUT AN INVERTER)



Longer Service Life

Select high quality LFP cell dedicated for energy storage, cycle life of more than 8000 times.



Thermal Management System

Air cooling is adopted to maintain each cell of the battery pack at the appropriate temperature to ensure battery performance and cycle life.



Intelligent Control

The module unit contains a complete intelligent system, which can be remotely monitored and unattended; it can realize the effective control of PCS, BMS and load.



Efficient Equalization BMS

single series design + efficient equalization technology, the system parallel capacity loss is 0.



Active Safety System

Partition safety isolation, pack-level active safety warning unit + immersion fire protection, to ensure fire control.



Standardized Design

Standardized design for lower O&M costs, standardized production for fast delivery, and lower overall lifecycle costs.



Modular Design

Infinite parallel connection can realize elastic expansion and fully modular maintenance of the energy storage power station; supporting multi-scene applications from kWh to MWh level.



Single Cabinet

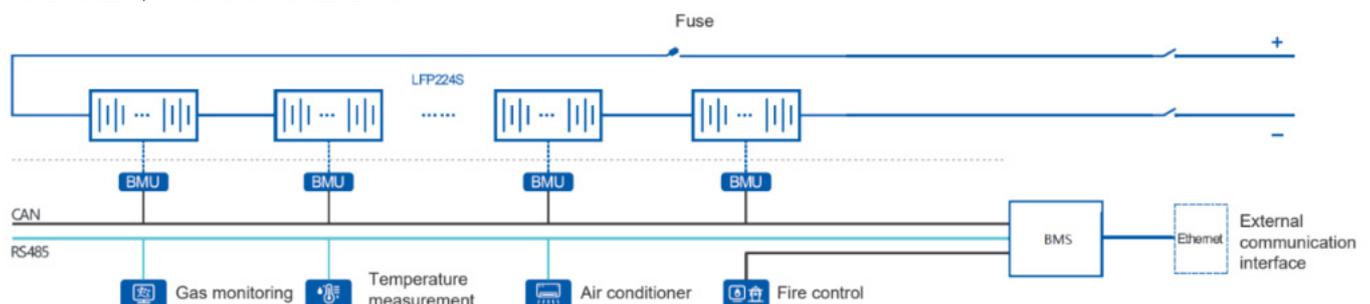
Single cabinet < 1.4m²; IP55 defense can be flexibly deployed based on site location.

SPECIFICATIONS

Model	CIES-200kWh
DC battery parameters	
Types of batteries	LFP 280Ah
Battery pack configuration	14.336kWh/1P16S
Battery system configuration	200kWh/1P224S
Battery voltage range	627~806V
Number of temperature measurements	140
System parameters	
Maximum system efficiency	≥94%
Charge/discharge ratio	≤0.5C
The depth of discharge	100%DOD
Cycles	> 8000
Communication interface	CAN/RS485/LAN
Protection grade	IP55
Type of cooling	Air-cooled air conditioning
Operating temperature	-35℃~+55℃
Relative humidity	5~95%RH,no condensation
Noise	< 70dB
Altitude	< 2000m
Size (W*H*D)	1200*2350*1050mm
Fire fighting system	Aerosol + Pack-level immersion + Active warning
Weight	2500kg

The above data may be updated, which is subject to the physical object.

SYSTEM TOPOLOGY



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