

# CBES-1C Air Cooled ESS

Highly integrated, efficient and convenient

1C air cooled energy storage cabin has a high volume storage capacity, effectively save the station space, can be adjusted in advance, reduce field debugging work, improve installation efficiency. It meets the needs of new energy consumption, peak shaving and load shifting, and independent energy storage power stations.

VISION 雄韬



Secured and Stable

- Support 100% DOD deep discharge. 15 years of service life under standard conditions.
- combustible gas detection / exhaust / explosion design, efficient fire prevention and reignition.



Smart and Efficient

- Efficient and reliable air cooling system, powered by interconnected between thermal management system and BMS, helps reduce auxiliary energy consumption
- Real-time accurate temperature monitor and control, improve cell consistency



Highly Integrated

- High storage capacity of 1C system, saving station space.
- Configured in advance to reduce site commissioning work.



Easy Maintenance

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



New energy consumption



Peak shaving and load shifting

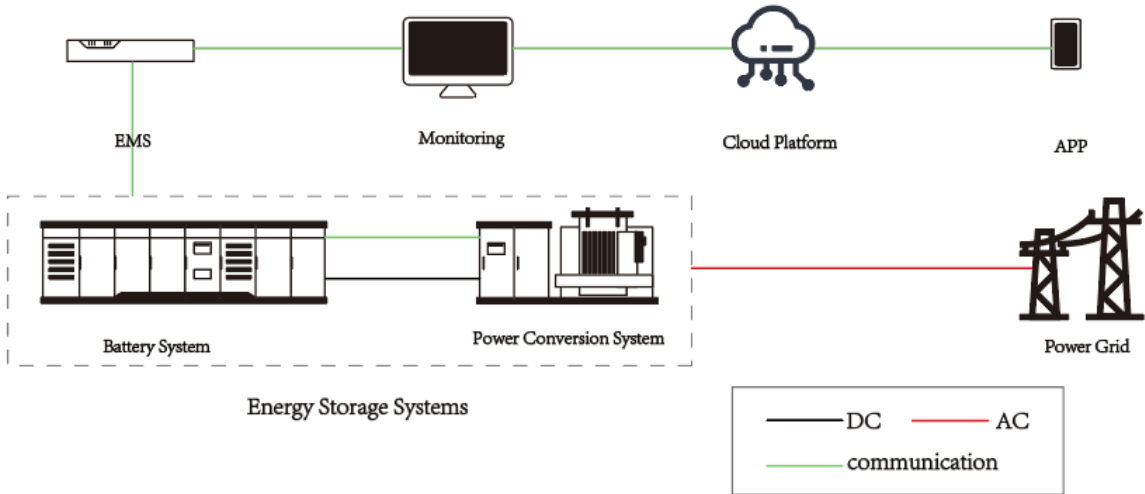


Independent energy storage power station

# CBES-1C Air Cooled ESS

## Large energy storage system

Technical Data	CBES-3.45MWh	CBES-4.7MWh
DC side		
Cell Type	LFP 3.2V/100Ah	LFP 3.2V/100Ah
Pack String	3P12S	3P12S
System Configuration	10×3P360S	12×3P408S
Battery Capacity (BOL)	3450KWh	4700KWh
Rated Charge/Discharge Rate	1C	1C
Nominal Voltage	1152V	1305.6V
Voltage Range	1064-1368V	1142.4-1468.8V
General		
Dimensions(W×D×H)	9125×2438×3100mm	12192×2438×3100mm
Weight	40t	50t
IP grade	IP55	IP55
Operating Temperature Range	-30℃~+55℃	-30℃~+55℃
Relative Humidity	0-95% (No condensation)	0-95% (No condensation)
Maximum working altitude	2000m	2000m
Cooling Method	air-cooling	air-cooling
Noise Level	≤75dB	≤75dB
Fire Suppression System(optional)	Heptafluoropropane/ perfluorohexanone	Heptafluoropropane/ perfluorohexanone
Auxiliary power supply	AC380V/50Hz, 3-phase 4-wire	AC380V/50Hz, 3-phase 4-wire
Communication Interface	Ethernet	Ethernet
Communication Protocol	Modbus	Modbus
Region	China	China
Code & Compliance	GB/T36276	GB/T36276



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