

CENTRIC-A 20

Air Cooling Container ESS

CENTRIC-A 20 uses a typical 20-foot container design to provide a maximum rated capacity of 500kW/1290kWh. It can greatly save floor space and enable quick deployment, installation and commissioning. It is primarily used in solar self-consumption, demand charge reduction, peak-valley arbitrage, frequency response services, off-grid, and microgrid applications. It is highly competitive in the market and may be configured with various power and energy in many ways for different scenarios.



LCOE ↓

ROI ↑

TIER
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Tier-1 LFP Battery Cells

CATL LFP cells with top-level safety



In-House BMS

Own-developed BMS battery management system with comprehensive battery management strategy and data analysis



Highly integrated

Multiple systems integrated design ensures safety and high performance



Plug and play

Pre-engineered and pre-tested system allows plug-and-play on site, container design allows rapid deployment and in-place installation



Modular Design

Standardized design, modular assembly, flexible capacity configuration



Cloud Monitoring

Allows real-time monitoring and remote upgrade



Low Initial Investment & Fast Delivery

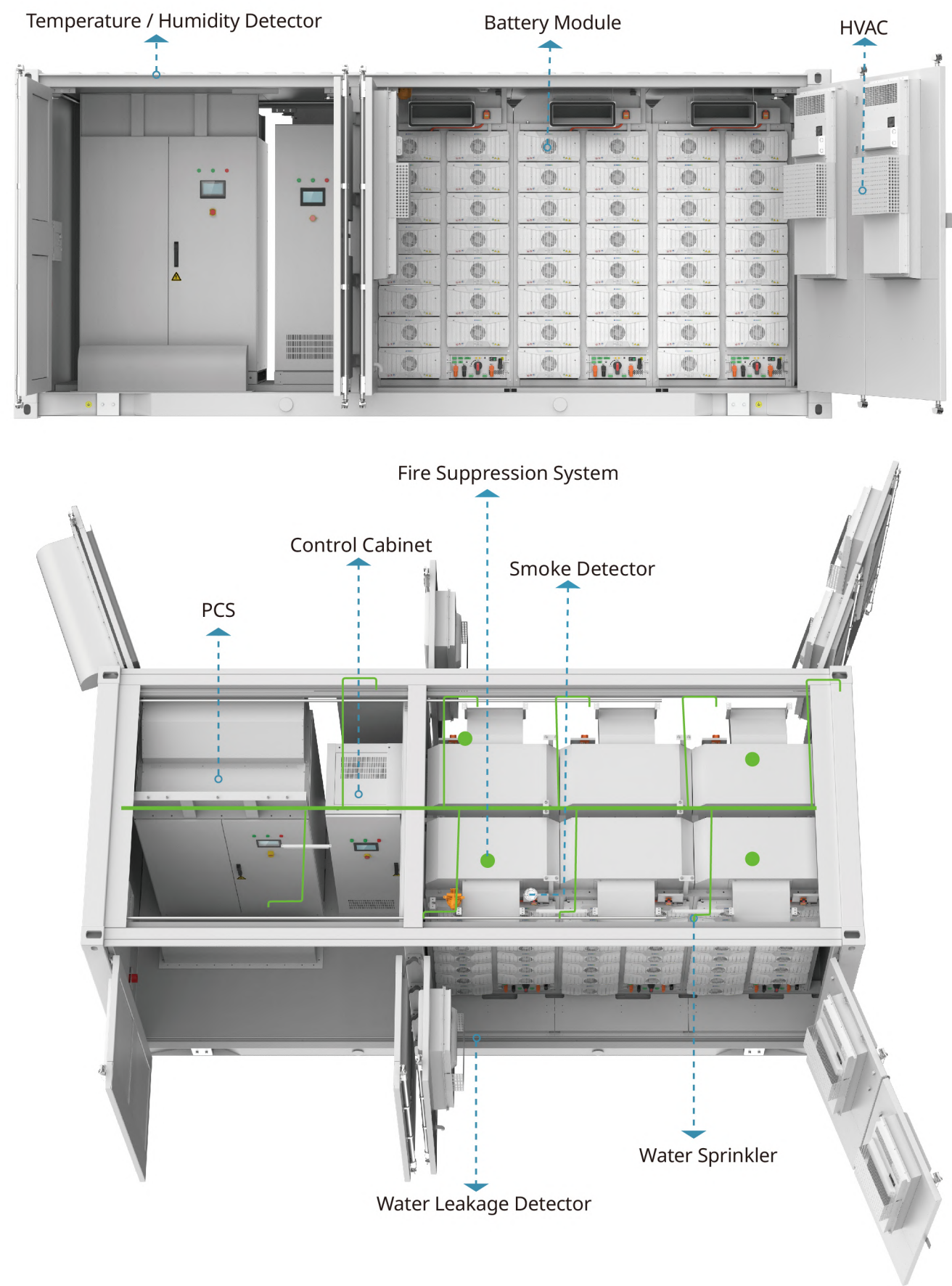
Standardized integrated design to save project operation costs and accelerate delivery



Software and Hardware Joint Protection Mechanism

Comprehensive insulation monitoring algorithm to ensure system security

CENTRIC-A 20 LAYOUT



CENTRIC-A 20 PARAMETERS

	Items	CENTRIC-A 20
AC Parameters	Rated Power	250 / 375 / 500 kW
	Grid Type	3P+N+PE
	Rated Grid Voltage	400 V
	THDi	≤3%
	Grid Frequency	50 / 60 Hz
DC Parameters	Rated Voltage	768 V
	Voltage Range	672 V ~ 864 V
	Rated Energy	860 / 1075 / 1290 kWh
	Degree of Protection	IP 55
Other Parameters	Operation Temperature	-20 ~ 45 °C
	Storage Temperature	-30 ~ 60 °C
	Altitude	< 2000 m
	Relative Humidity	5%~95% (No condensing)
	Cooling Method	Air Cooling
	Fire Suppression System	Aerosol
	Communication	MODBUS
	Dimension (W x D x H)	6058 x 2438 x 2591 mm
	Weight	≤23 t