



# Z BOX-C

ALL-IN-ONE ESS Cabinet

## ● C 215-2H-SK

C215L-A-EU

105kW / 215kWh | 0.5C

- Safe & Reliable
- Cost-efficient

- Flexible Deployment
- Smart Management

### Battery Data

Cell type	LFP
Rated capacity	280 Ah
Serial-parallel type	1P240S
Rated capacity per pack	43.008 kWh
Pack number	5
System rated energy capacity	215.04 kWh
Rated DC voltage	768 V
Rated DC voltage range	672~864 V
Rated DC current	140 A

### AC data (on-grid only)

PCS model	ECS105-LB-F-SK
Rated AC power	105 kW
Rated AC voltage	400 Vac
Rated frequency	50/60 Hz
Rated/Max. AC current	152A/167 A
AC wiring type	3W/N+PE
Power factor	-1 ~ 1

### General Data

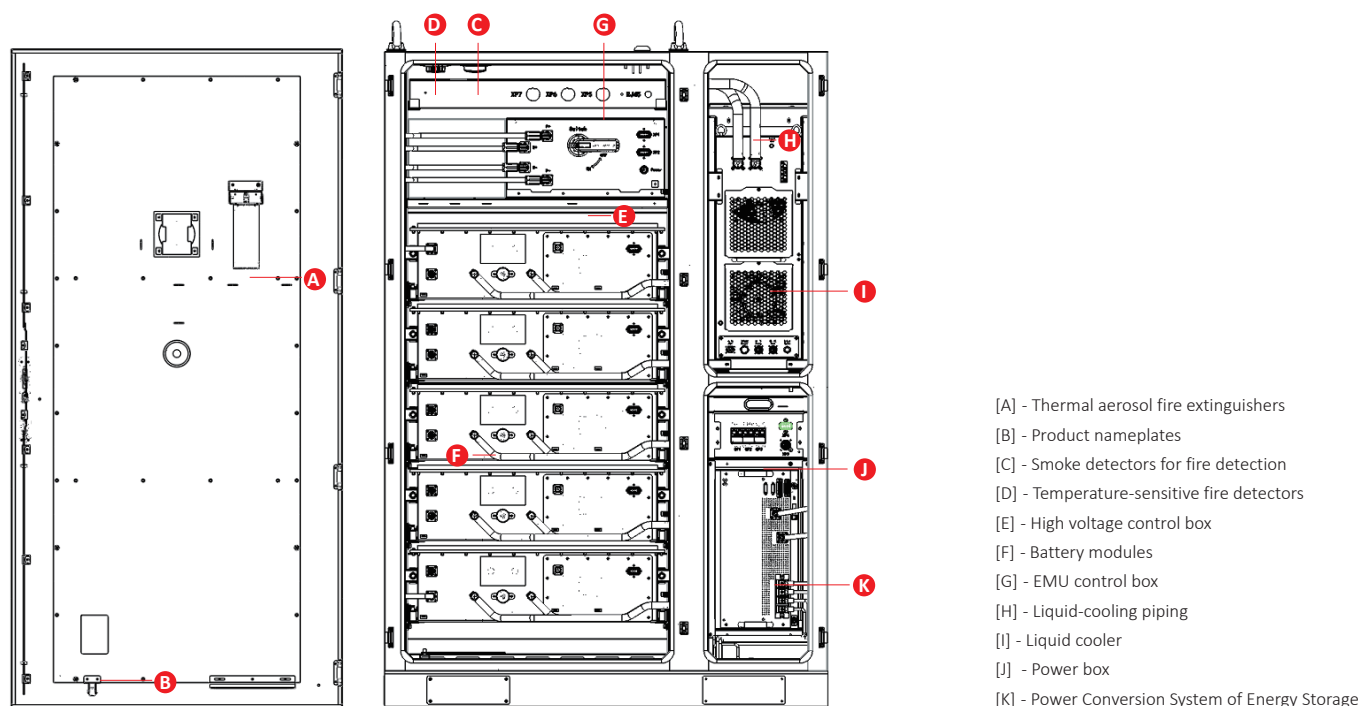
DoD	95%
Noise	≤75dB
Protection degree	IP 55 (Battery room)
Cooling method	Liquid cooling/ heating
Fire suppression system	Aerosol
Operating temperature range	-20 ~ 55° C ( > 45° C derating)
Relative humidity	5% ~ 95% RH
Max.working altitude	2000 m
Operation only in "on-grid " model with anti-islanding function	YES
COM interfaces	RS485/ Ethernet
Dimensions (L*W*H)	1330*1370*2270 mm
Weight	2450±50 kg



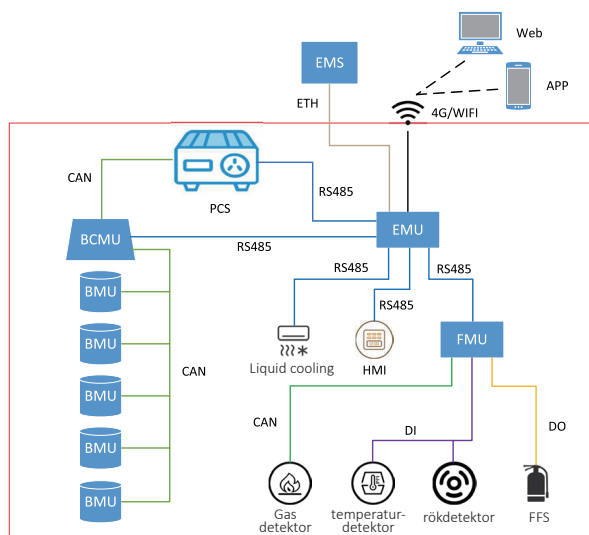
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As a subsidiary of the ZOE Energy Group, ZOE Energy Storage contributes to the group's overarching mission. Founded in 2013, ZOE Energy Group is a high-tech enterprise dedicated to the development, investment, and management of new energy projects. Targeting carbon neutrality, the Group has developed 23 utility-scale solar projects with a combined capacity of 3.53GW and is progressing with wind, photovoltaic projects of 1.23GW. With a cumulative investment exceeding \$4.4 billion, the Group has realized an annual compound growth rate of 183%, underscoring its commitment to sustainable energy development.

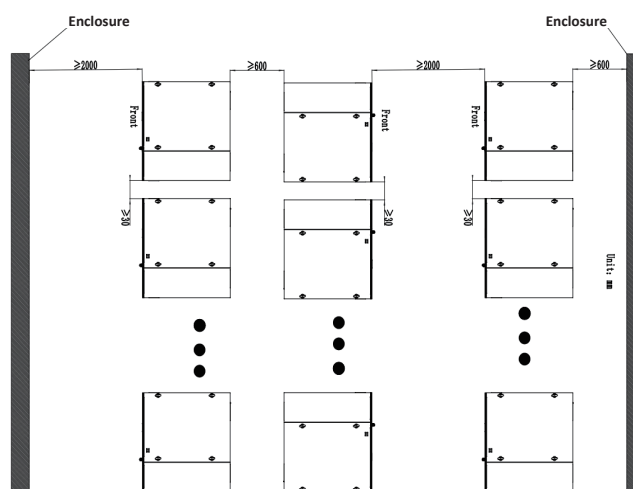
## Product internal schematic



## Communication architecture



## Layout of different energy storage cabinets



Note: The installation location environment must meet the total air volume  $\geq 2260 \text{ m}^3/\text{h}$ .

## Project Cases



Generation/Grid Side Renewable Energy with Storage



Commercial and Industrial Renewable Energy with Storage



Renewable Energy with Storage in High-Altitude Areas



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