

Battery data

Z BOX-C ALL-IN-ONE ESS Cabinet

## • C 215-2H

C215L-A-EU · Safe & Reliable · Cost-efficient

105kW / 215kWh | 0.5C

· Flexible Deployment · Smart Management

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		
Rated AC power	105 kW	
Rated AC voltage	400 Vac	
Rated frequency	50/60 Hz	
Rated AC current	152 A	
Max. AC current	167 A	
AC wiring type	3W/N+PE	
Power factor	-1~1	
General data		
DOD	95%	
Protection degree	IP 55 (Battery room&PCS room)	
Cooling method	Liquid cooling/ heating	
Fire suppression system	Aerosol	
Operating temperature range	-20 ~ 55 ° C	
Relative humidity	5% ~ 95% RH	
Max.working altitude	2000 m	
Display	Web/ LED	
COM interfaces	RS485/ Ethernet/ 4G (optional)	
Dimensions (L*W*H)	1344*1399*2080 mm	
Weight	2450±50 kg	

Weight



ZOE Energy Storage, a pioneer in integrating investment, operation of energy storage stations, and the R&D, manufacturing, and sales of energy storage systems, has its global and application of energy storage technology. The company operates 14GWh intelligent energy storage factories in Jiangxi and Sichuan and has established the ZOE Digital Center in Shanghai. Leveraging outstanding R&D capabilities and innovative approaches, ZOE delivers both standardized and tailored energy storage solutions, bridging grids and

## Product internal schematic



[A] - Thermal aerosol fire extinguishers

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- [B] Product nameplates
- [C] Smoke detectors for fire detection
- [D] Temperature-sensitive fire detectors
- [E] High voltage control box
- [F] Battery modules
- [G] EMU control box
- [H] Liquid-cooling piping
- [I] Liquid cooler
- [J] Power box
- [K] Power Conversion System of Energy Storage

## Communication architecture



## • Layout of different energy storage cabinets



Note: The installation location environment must meet the total air volume ≥ 2260 m<sup>3</sup>/h.





