



Z BOX-C 215-2H

C&I All-in-one ESS

- Highly-integrated all-in-one design
- Ultra-fast response
- Energy cost saving & revenue optimization
- Safe and reliable
- Easier operation & maintenance
- Intelligent and user-friendly: remote control and time-of-use model

Z BOX-C 215-2H 105kW / 215kWh | 0.5C

The Z BOX series is designed as an efficient energy management solution for commercial and industrial users. They help optimize power usage and increase lifecycle revenue through Self-Consumption, Peak Shaving, Frequency Regulation, Dynamic Capacity Augmentation etc.

Product Specification Sheet

General Data	
DOD	95%
Noise	≤75dB
Protection degree	IP 55 (Battery room&PCS 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
Display	Web/ LED
COM interfaces	RS485/ Ethernet/ 4G (optional)
Dimensions (L*W*H)	1344*1399*2080 mm
Weight	2450±50 kg
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	
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

About ZOE

ZOE Energy Storage is a Tier 1 provider of integrated energy storage products and system solutions. Our flagship ESS- Z BOX series has obtained European most stringent safety and quality certifications, enabling global deployment with proven reliability and technological excellence. Through vertically-integrated expertise spanning R&D, certification, and mass deployment, we provide customers worldwide with optimized ESS solutions balancing safety and cost-effectiveness