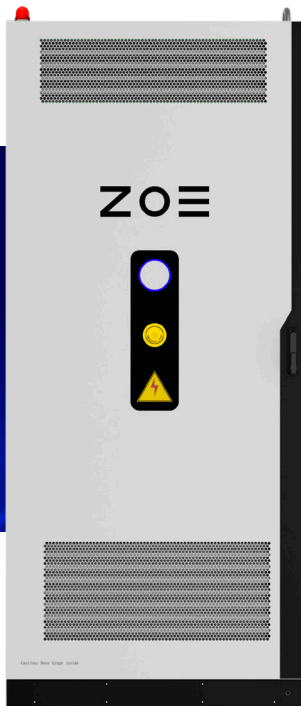




ALL-IN-ONE ESS Cabinet

Z BOX-C PLUS 261-2H

C261L-A-SK, C261L-B-SK

125kW/261kWh | 0.5C

Key Features

- Liquid-cooling system, features a long battery cycle life, and high system efficiency.
- All-in-one compact design with higher energy density, easy installation, and transportation.
- Wide-temperature operation (-30°C to 55°C). Capable of reliable cold-start and operation in arctic conditions
- Multi-layer safety, explosion protection and multi-dimensional thermal runaway early warning with acoustic & visual alarm and fire extinguishing system
- Low-noise and environmental-friendly: ≤70 dB
- Intelligent O&M and multi-level electrical protection in the system, cloud-edge integrated design with convenient remote maintenance
- Operation only in ON GRID mode with "Anti-islanding" functionality

All-Scenario Application



Frequency Regulation



Peak Shaving



PV+Storage+Charging

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

Data Sheet

Battery Data	
Module Nominal Energy(kWh)	52.2496
Battery pack configuration	1P52S
Number of Packs	5
Rack Nominal Energy(kWh)	261.248
Nominal Voltage(V)	832
Operating Voltage Range(V)	670-949
Max. charge/discharge current(A)	188
Max. charge/discharge Power(kW)	137.5
Cycle	8000 @25°C ±2°C ,0.5C,95%DOD,70%EOL
AC Output Data (On-grid only)	
PCS Model	EPCS125-AM-F-SK
Nominal Output Power(kW)	125
Nominal Apparent Power(kVA)	125
Nominal Apparent Power from Utility Grid(kVA)	125
Nominal Output Voltage(V)	400,3L/N/PE
Output Voltage Range(V)	340-440
Nominal AC Grid Frequency(Hz)	50/60
Max. AC Output Current(A)	198.5
Max. output short-circuit current(A)	360
Max. AC Output Current(A)	198.5
Nominal Output Current(A)	180.4
Power Factor	-1~+1
Max. Total Harmonic Distortion	<2%
Efficiency	
System Efficiency	89%
Ingress Protection Rating	IP55(Battery Cabinet)
Anti-Corrosion	C4(C5 optional)
Fire Suppression	Aerosol / Water
General Data	
Working Temperature Range(°C)	-30~+55
Derating Temperature(°C)	45
Storage Temperature(°C)	-20~+45(1 month)0~+35(1 year)
Relative Humidity	0~95%
Max. Operating Altitude (m)	4000(>2000 derating)
Cooling Method	Smart Liquid Cooling
User Interface	WLAN+APP
Communication Method	WiFi/LAN
Communication Protocol	Modbus TCP
Weight(kg)	2560
Dimension(W×H×D mm)	990*2300*1320
Noise Emission(dB)	≤70
Topology	Non-isolated
Audible and visual alarm	Optional
Explosion venting function	Standard
Diesel generator communication interface	Standard