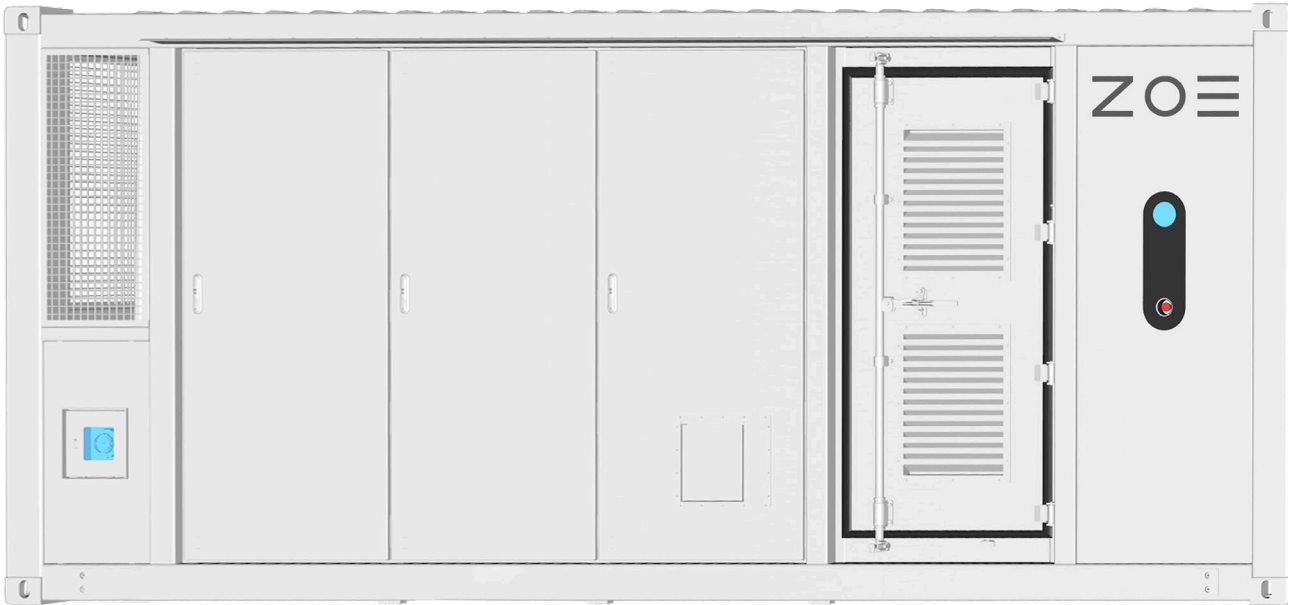


C&I All-in-one ESS Container
Z BOX-P 1300 1H
1.26MW/1.313MWh




This energy storage container is primarily deployed in C&I projects and offers multiple operation modes including Peak Shaving, Frequency Regulation, Dynamic Capacity Augmentation, and Electricity Market Trading. Equipped with CATL 285Ah long-life battery cells and a liquid cooling system, it ensures high efficiency, safety, and ease of maintenance for large-scale commercial applications.

 **CATL 285Ah Long-Life Battery Cells**

 **Fully Certified Globally**

 **Rapid FFR/FCR-D Response Compatible**

 **Smart Management and Easier O&M**

 **Liquid Cooling System**
Effectively reduce temperature difference

 **Safe & Reliable**
Multi-layered SMS

Parameters

Battery Data	
Cell Type	LFP
Rated Capacity	285Ah
Serial-Parallel Type	6P240S
Rated Capacity Per Pack	43.776kWh
Pack Number	6*5
System Rated Energy Capacity	1313.28kWh
Rated DC Voltage	768V
Rated DC Voltage Range	672~864V
Rated DC Current	1710A
AC Data	
Rated AC Power	1260kW
Rated AC Voltage	400Vac
Rated Frequency	50/60Hz
Rated AC Current	1818A
Max. AC Current	2004A
Ac Wiring Type	3W/N+PE
Power Factor	-0.85 ~ 1
General Data	
DOD	90%
Noise	≤80dB
Protection Degree	IP54
Cooling Method	Liquid Cooling/ Heating
Fire Suppression System	Aerosol
Operating Temperature Range	-30°C ~ 55°C (> 45°C Derating)
Relative Humidity	5% ~ 95%RH
Max. Working Altitude	2000m
Display	Web/ LED/ LCD
Com Interfaces	RS485/ Ethernet
Dimensions (L*W*H)	6058*2438*2591mm
Weight	18±0.5T