



Z BOX-P 1300-1H

Utility-Scale All-in-one ESS Container

- High energy density
- Longer lifespan
- Ultra-fast response
- Energy cost saving & revenue optimization
- Safe and reliable
- Intelligent and user-friendly: remote control and time-of-use model

Z BOX-P 1300-1H 1.26MW/ 1.313MWh

The Z BOX-P series energy storage containers are primarily deployed in utility-scale projects, offer multiple operation modes including Peak Shaving, Frequency Regulation, Dynamic Capacity Augmentation, and Electricity Market Trading etc.

Product Specification Sheet

Battery Data	
Cell type	LFP
Rated capacity	285 Ah
Serial-parallel type	6P240S
Rated capacity per pack	43.776 kWh
Pack number	6*5
System rated energy capacity	1313.28 kWh
Rated DC voltage	768 V
Rated DC voltage range	672~864 V
Rated DC current	1710 A
AC Data	
Rated AC power	1260 kW
Rated AC voltage	400 Vac
Rated frequency	50/60 Hz
Rated AC current	1818 A
Max. AC current	2004 A
AC wiring type	3W/ N+PE
Power factor	-0.85 ~ 1
General Data	
DOD	90%
Noise	≤80dB
Protection degree	IP 54
Cooling method	Liquid cooling/ heating
Fire suppression system	Aerosol
Operating temperature range	-30 ~ 55 °C (> 45°C derating)
Relative humidity	5% ~ 95% RH
Max.working altitude	2000 m
Display	Web/ LED/ LCD
COM interfaces	RS485/ Ethernet
Dimensions (L*W*H)	6058*2438*2591 mm
Weight	18±0.5 T

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