



# Z BOX-P 3400-2H

Utility-Scale Battery 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 3400-2H 3421kWh | 0.5C

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	300Ah
Serial-parallel type	9P396S
Rated capacity per pack	42.24kWh
Pack number	9*9
System rated energy capacity	3421.44kWh
Rated DC voltage	1267.2Vdc
Rated DC voltage range	990Vdc~1445.4Vdc
AC Data	
Rated AC power	1710.72kW
General Data	
DOD	95%
Noise	≤75dB
Protection degree	IP54
Cooling method	Liquid cooling/ heating
Fire suppression system	Aerosol
Operating temperature range	-30 ~ 60 °C ( > 45°C derating)
Relative humidity	0% ~ 95% RH
Max.working altitude	≤3000m(>3000m derating)
Display	/
COM interfaces	RS485/CAN/Ethernet
Dimensions (L*W*H)	6058*2438*2896 mm
Weight	37T

#### 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