

# Z BOX-P

## Battery Container P 5000-2H

ZOE  
ENERGY STORAGE



## Features

### Safety

- Intelligent safety management

### Lower cost

- Higher Energy Density
- Transportation of complete system

### Efficient O&M

- Intelligent Design for back-to-back and end-to-end Layout

ZOE  
ENERGY STORAGE

ZOE Energy Storage, a pioneer in integrating investment, operation of energy storage stations, and the R&D, manufacturing, and sales of energy storage systems, has its global headquarters in Shanghai. With its R&D center in Jiangsu and joint laboratories established with top universities and international institutions, ZOE advances the development and application of energy storage technology. The company operates 14GWh intelligent energy storage factories in Jiangxi and Sichuan and has established the ZOE Digital Center in Shanghai. Leveraging outstanding R&D capabilities and innovative approaches, ZOE delivers both standardized and tailored energy storage solutions, bridging grids and scenarios for organized electricity use and balanced loads.

As a subsidiary of the ZOE Energy Group, ZOE Energy Storage contributes to the group's overarching mission. Founded in 2013, ZOE Energy Group is a high-tech enterprise dedicated to the development, investment, and management of new energy projects. Targeting carbon neutrality, the Group has developed 23 utility-scale solar projects with a combined capacity of 3.53GW and is progressing with wind, photovoltaic projects of 1.23GW. With a cumulative investment exceeding \$4.4 billion, the Group has realized an annual compound growth rate of 183%, underscoring its commitment to sustainable energy development.

# ● P 5000-2H

P5015L2H-A-EU

5015kWh | 0.5C

## Battery Data

Cell type	LFP
Rated capacity	314 Ah
Serial-parallel type	12P416S
Rated capacity per pack	104.499 kWh
Pack number	12*4
System rated energy capacity	5015.96 kWh
Rated DC voltage	1331.2 V
Rated DC voltage range	1040~1497.6 V

## General Data

DOD	95%
Noise	≤80dB
Protection degree	IP 55
Cooling method	Liquid cooling/ heating
Fire suppression system	NOVEC 1230 /Aerosol (optional)
Operating temperature range	-30 ~ 50 °C ( > 45°C derating)
Relative humidity	0% ~ 95% RH
Max.working altitude	3000 m
Display	Web
COM interfaces	RS485/CAN/Ethernet
Dimensions (L*W*H)	6058*2438*2896 mm
Weight	41 T



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