

# Z BOX-P

## Battery Container P 3400-2H

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## Features

### Flexible applications

- Highly efficient liquid-cooled cooling and heating for extreme environments
- Compact design with Back-to-back layouts for a reduced footprint

### Efficient charging and discharging

- Meet high-rate charging and discharging scenarios, with a maximum continuous power of up to 1P

### Safety and reliability

- Electrical safety management, overcurrent fast-breaking and arc extinguishing protection
- Pack-level fire protection and prediction of thermal runaway risk

### Convenient O&M

- One-click system upgrade and unified management
- Cloud-based monitoring allows for the quick identification of faults and reduce staff effort

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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 3400-2H

P3440L2H-B    3440kWh | 0.5C

## Battery Data

Cell type	LFP
Rated capacity	280 Ah
Serial-parallel type	10P384S
Rated capacity per pack	43.008 kWh
Pack number	10*8
System rated energy capacity	3440.64 kWh
Rated DC voltage	1228.8 V
Rated DC voltage range	1075.2~1382.4 V

## General Data

DOD	95%
Noise	≤80dB
Protection degree	IP 55
Cooling method	Liquid cooling/ heating
Fire suppression system	Aerosol
Operating temperature range	-30 ~ 50 °C ( > 45°C derating)
Relative humidity	0% ~ 95% RH (non-condensing)
Max.working altitude	3000 m
Display	Web
COM interfaces	Modbus TCP/IP
Dimensions (L*W*H)	6058*2438*2896 mm
Weight	33.5±0.5 T