

Z BOX-P

ALL-IN-ONE ESS Container P 1300-1H

ZOE
ENERGY STORAGE



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 1300-1H

P1313L1H-A-EU

1.26MW/ 1.313MWh

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 | -1 ~ 1 |

General Data

| | |
|-----------------------------|-------------------------|
| DOD | 90% |
| Protection degree | IP 54 |
| Cooling method | Liquid cooling/ heating |
| Fire suppression system | NOVEC 1230 + Aerosol |
| Operating temperature range | -30 ~ 55 °C |
| 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 | 20 T |



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