



Z BOX-P 5000-2H 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 5000-2H 5.015MWh

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 | 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 | 1164.8~1497.6 V |
| General Data | |
| DOD | 95% |
| Noise | ≤75dB |
| Protection degree | IP 55 |
| Cooling method | Liquid cooling/ heating |
| Fire suppression system | Aerosol+ water fire-fighting + explosion-proof fan (combustible gas) |
| 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 | 44 T |