

# Quantum N2.5 (1.25MW / 2.5MWh)

## Utility-Scale Battery Energy Storage System



### Specifications

|                                     |                                                                                                      |
|-------------------------------------|------------------------------------------------------------------------------------------------------|
| Model                               | ZT-BEES-Na-2.5M                                                                                      |
| DC Rated Voltage                    | 1152 V / 1008 V                                                                                      |
| DC Max. Voltage                     | 1478.4 V                                                                                             |
| Nominal Energy Capacity             | 2.5 MWh                                                                                              |
| Charge & Discharge Rate             | 0.5C                                                                                                 |
| Rated Power                         | 1.25 MW                                                                                              |
| Container Configuration (W × H × D) | 7120 × 2896 × 2800 mm                                                                                |
| Operation Temperature Range         | -30°C ~ +55°C                                                                                        |
| Relative Humidity                   | 0% ~ 95% (non-condensing)                                                                            |
| Max. Operating Altitude             | ≤3000 m                                                                                              |
| Cooling Method                      | Liquid Cooling                                                                                       |
| Fire Suppression System             | Pack-level detection + perfluorohexanone + explosion-proof ventilation<br>+ water interface          |
| Communication                       | IEC61850 / Modbus / CAN2.0 / IEC104                                                                  |
| Protection Degree                   | IP54                                                                                                 |
| Standards                           | IEC 60529 (IP), IEC 62619, IEC 63056, IEC 62477, IEC 61000, IEC 62933,<br>UN 38.3, NFPA 69, UL 9540A |