

Quantum Utility-Scale ESS (Na-ion)

(1.25MW / 2.5MWh)



Model

ZT-BEES-Na-2.5M



Sodium-Ion Utility Platform
with Modular Capacity



Multi-Layer Safety
& Environmental Adaptability



Simplified Operation
& Maintenance, Lower Lifecycle Cost



Factory-Prefabricated,
Fully Integrated Container Design



Outdoor-Ready Containerized Design

Model	ZT-BEES-Na-2.5M
Rated power / energy	1.25MW / 2.5MWh
Battery type	Sodium-ion
Cell nominal voltage	3.0V
Cell nominal capacity	185Ah / 210Ah
Charge / discharge rate	0.5C
Cell nominal charge current	90A / 100A
Rated battery pack capacity	26.64 / 30.24kWh
System combination method	12P384S / 12P336S
System rated voltage	1152V / 1008V
System installation capacity	2.5MWh
Fire protection configuration	Pack-level detection + perfluorohexanone + explosion-proof ventilation + water interface
Protection level	IP54
Relative humidity	0–95%, non-condensing
Altitude	≤3000m
Operating temperature	-30°C to 55°C
Communication	Modbus / CAN2.0 / IEC61850 / IEC104
Dimensions	20ft container
Deployment concept	Factory-prefabricated, fully integrated container

All specifications are for reference only. Dimensions and weight are approximate and subject to change as product design is finalized.