

Turtle Series —— Container ESS

Product Highlights

• Reduced cost

- ※ Integrated energy storage system, easily on the installation, operation and maintenance;
- ※ Large module design, stronger than traditional energy sources Solution 50%

• Safty

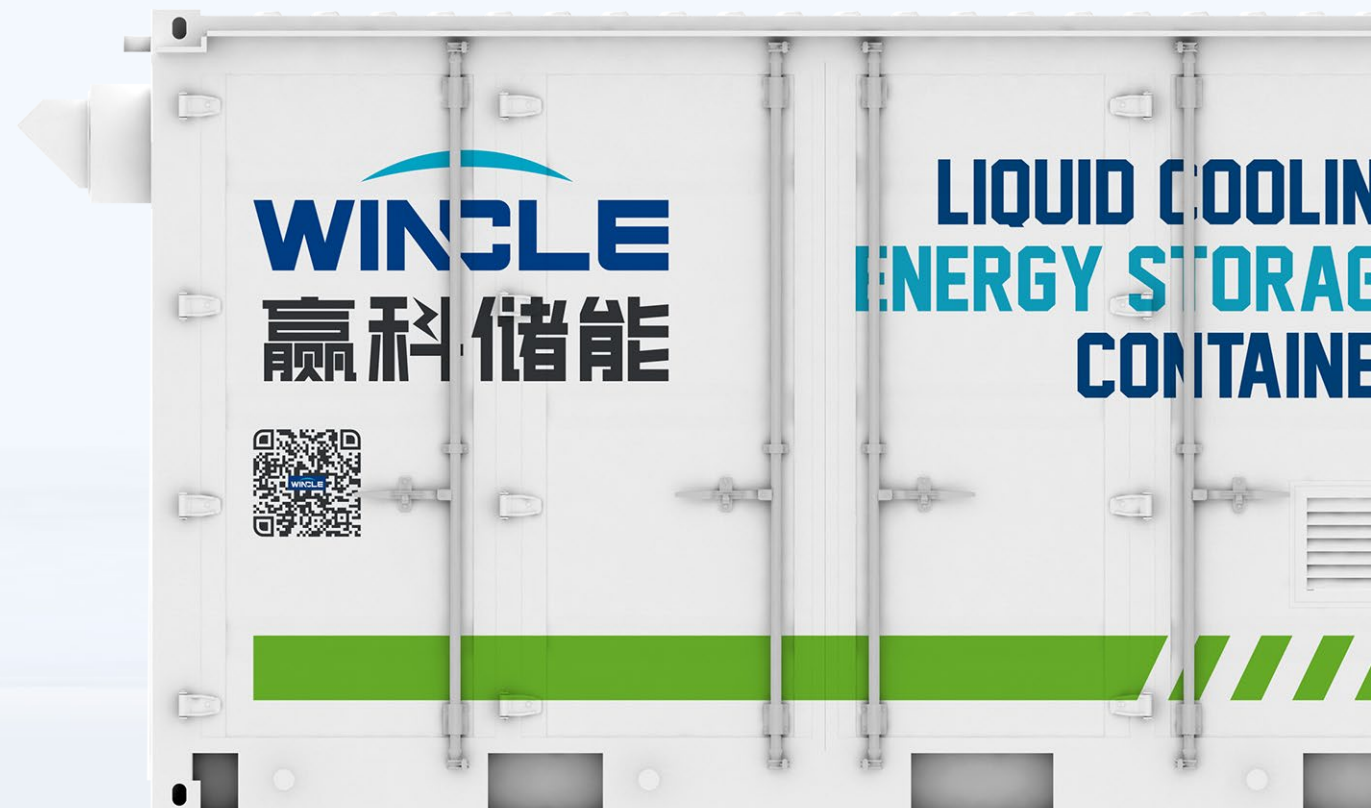
- ※ Multiple balancing measures to ensure consistent battery life cycle;
- ※ Integrated gas and water fire extinguishing device to ensure system safety under extreme circumstances.

• Increased efficiency

- ※ Based on the 1500V platform design, the DC side efficiency can reach 93%
- ※ As high as C4H the anti-corrosion level of the outer box, service life over 15 years.

• Smart

- ※ Multi-dimensional battery status analysis enables rapid analysis and location of system faults;
- ※ Unattended cloud real-time monitoring.



UN38.3



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Product parameter



Specification	Turtle 3.44	Turtle 3.85	Turtle 5
Battery Type	LFP		
Rated Capacity	3.44MWh	3.85MWh	5MWh
Rated Power	1.725MW	2MW	2.5MW
Rated Voltage	1228.8V		
Voltage Range	1075.2V ~ 1382.4V		
Soc Estimation Accuracy	≤5%		
Self-Discharge Rate Month	≤3%		
IP Protection Level	IP54		
Weight (Kg)	33,000	37,000	40,000
Cooling type	Liquid Cooling		
Noise	<65 dB (1m away from the System)		
Communication Interface	Wired : LAN, CAN, RS485		
Communication Protocol	Modbus Tcp		