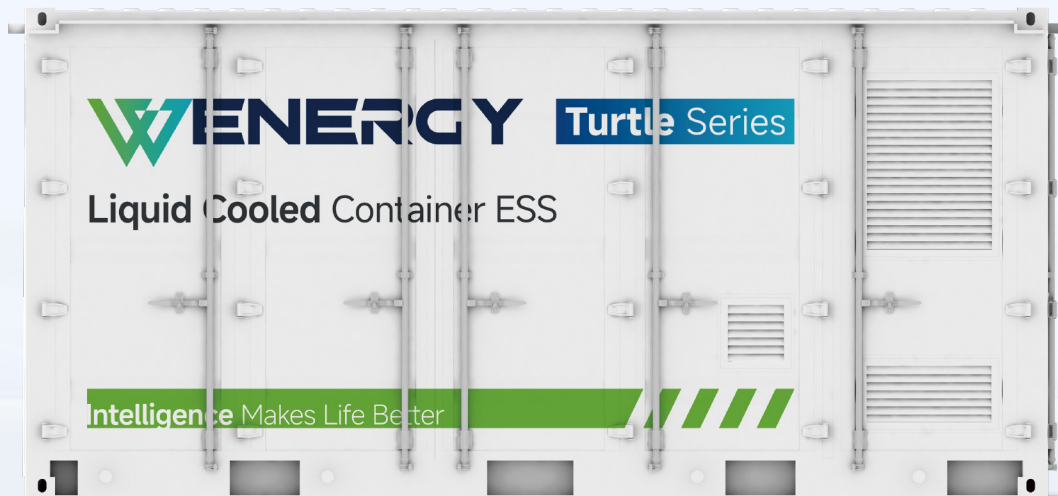


Turtle Series Container ESS



3.44 / 3.85 / 5MWh



◆ 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%.

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.

Safety

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

Smart

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

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◆ Product Parameters

Model	Turtle 3.44	Turtle 3.85	Turtle 5
Battery Type	LFP 280Ah	LFP 314Ah	LFP 314Ah
Rated Energy	3.44 MWh	3.85 MWh	5.016 MWh
Rated Power	1.725 MW	2 MW	2.5 MW
DC Rated Voltage	1228.8V	1228.8V	1331.2V
DC Voltage Range	1075.2V ~ 1382.4V	1075.2V ~ 1382.4V	1164.8V ~ 1497.6V
AC Rated Voltage	690V		
Max. Efficiency of System	> 89%		
IP Protection Level	IP54		
Weight (kg)	33,000	36,000	45,000
Cooling Type	Liquid Cooling		
Noise	<65 dB (1m away from the System)		
Communication Interface	Wired: LAN, CAN, RS485		
Communication Protocol	Modbus TCP		
System Certification	IEC/EN 62477, NFPA855, IEC/EN 62619, IEC/EN 60730, IEC/EN 63056, UL 1973, UL 9540A		