

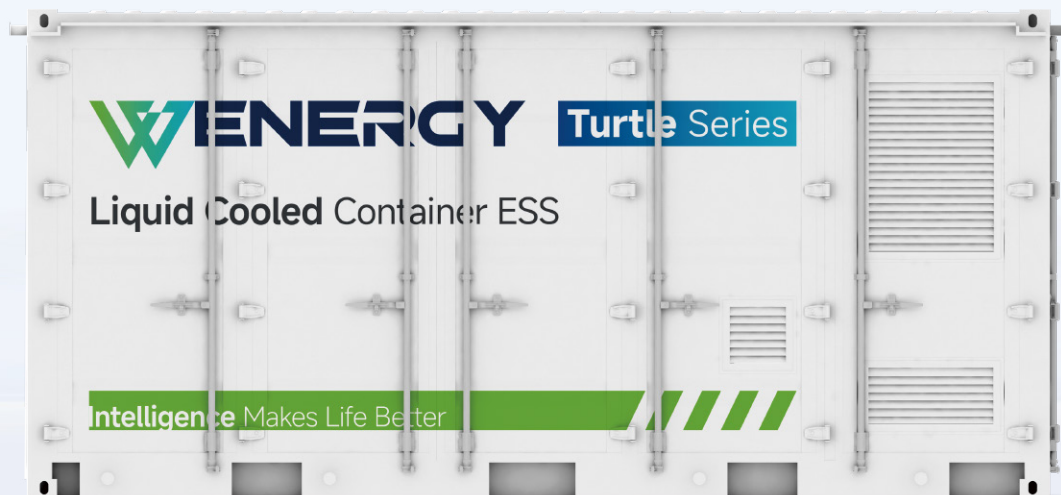
Turtle Series Container ESS



3.44 / 3.85 / 5MWh



UN38.3



◆ Applications

Utility-Scale Renewable Integration

Industrial & Commercial ESS

Remote/Off-Grid Power

Emergency Energy Storage

◆ Key Highlights

Reduced Cost

- One-stop system, easy install & low maintenance
- Large module design, 50% more efficient

Safety

- Balanced batteries for longer life
- Dual fire suppression for extreme safety

High Efficiency

- 1500V platform, 89% RTE efficiency
- C4H anti-corrosion, 15+ years lifespan

Smart

- Fast fault detection & localization
- Cloud monitoring, 24/7 unattended

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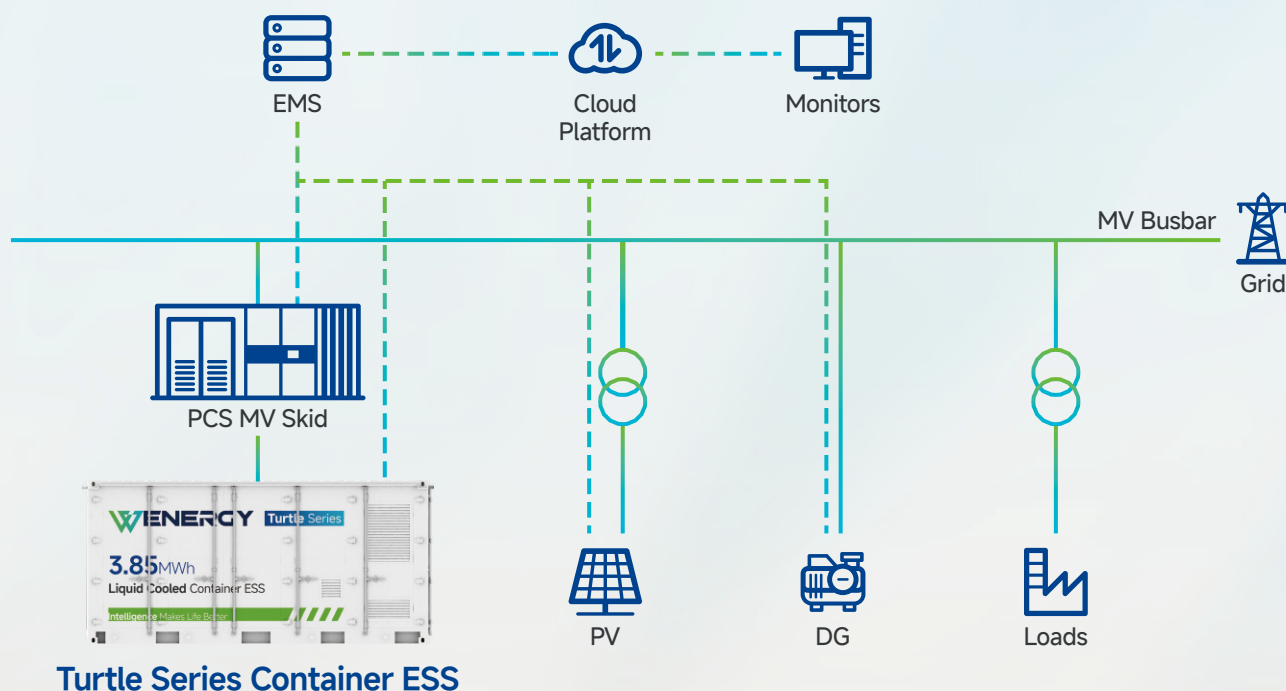
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Turtle Series Container ESS



◆ Product Parameters

Model	Turtle CL3.44	Turtle CL3.85	Turtle CL5
Battery Type	LFP 280Ah	LFP 314Ah	LFP 314Ah
Rated Energy	3.44 MWh	3.85 MWh	5.016 MWh
Rated Power	1.72 MW	1.929 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	IP55		
Weight	33,000kg	36,000kg	43,000kg
Cooling Type	Liquid Cooling		
Noise	<75 dB (1m away from the System)		
Communication Interface	Wired: LAN, CAN, RS485		
Communication Protocol	Modbus TCP		
System Certification	IEC 60529, IEC 60730, IEC 62619, IEC 62933, IEC 62477, IEC 63056, IEC/EN 61000, UL 1973, UL 9540A, UL 9540, CE Marking, UN 38.3, TÜV Certification, DNV Certification, NFPA69, FCC Part 15B.		