

# Turtle Series Container ESS



3.85 / 5 / 6.25MWh



## ◆ 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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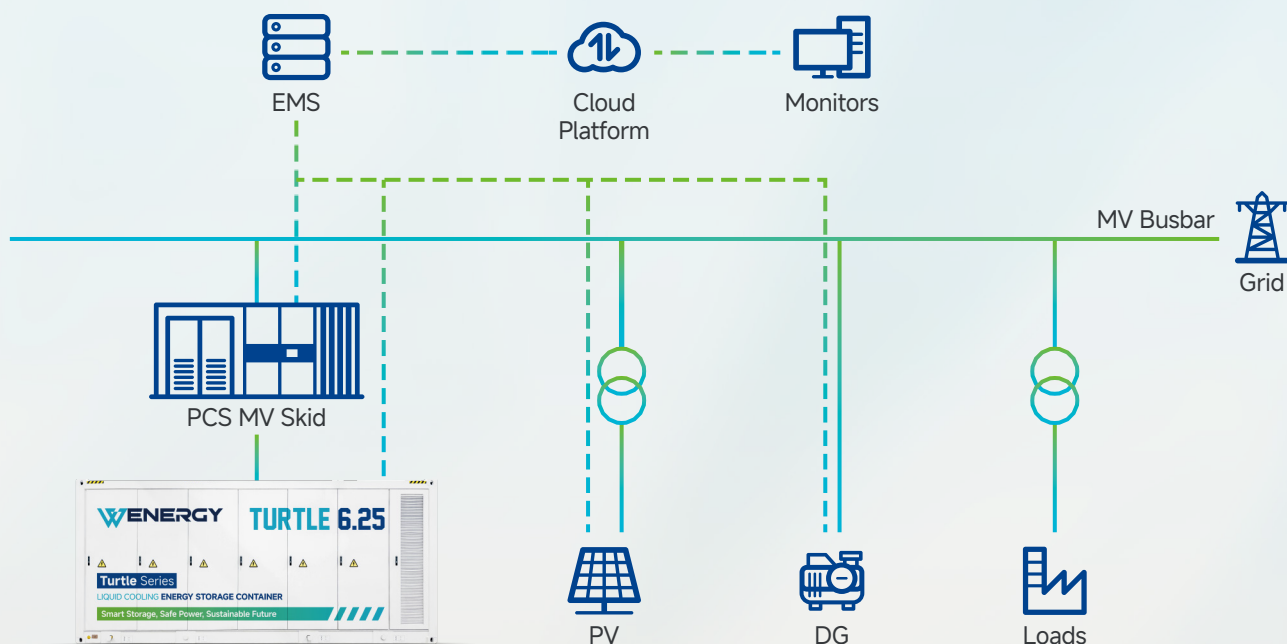
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## ◆ Product Parameters

Model	Turtle CL3.85	Turtle CL5	Turtle CL6.25
Battery Type	LFP 314Ah	LFP 314Ah	LFP 587Ah
Rated Energy	3.85 MWh	5.016 MWh	6.25 MWh
Rated Power	1925 kW	2500 kW	3125 kW
DC Rated Voltage	1228.8V	1331.2V	1331.2V
DC Voltage Range	1075.2V ~ 1382.4V	1164.8V ~ 1497.6V	1164.8V ~ 1497.6V
AC Rated Voltage	94%		
Max. Efficiency of System	IP55		
IP Protection Level	C4H		
Weight	≈36T	≈43T	≈52T
Cooling Type	Liquid Cooling		
Noise	<75 dB (1m Away from the System)		
Communication Interface	Wired: LAN, CAN, RS485		
Communication Protocol	Modbus TCP/CAN2.0		
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.		