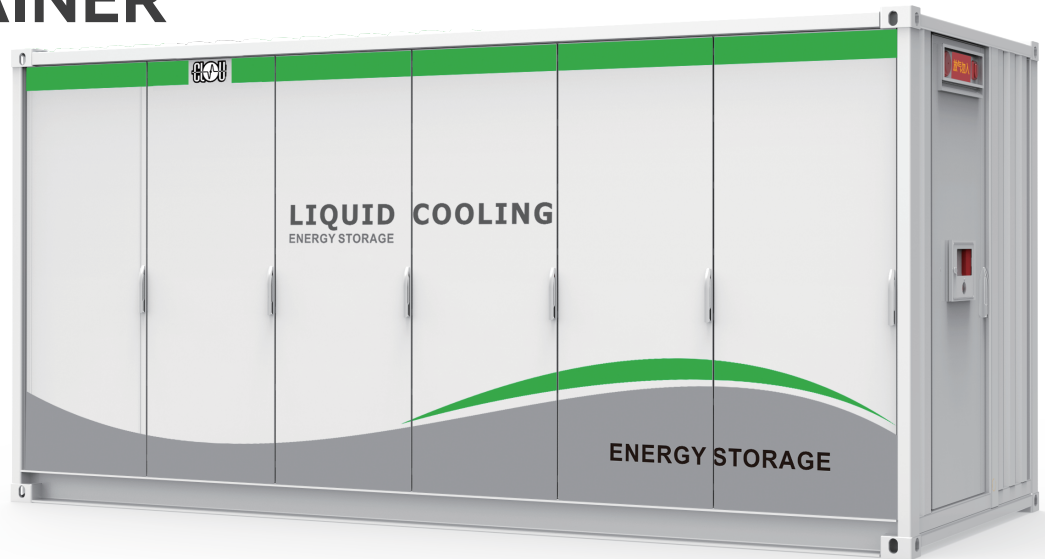


CLOU Aqua-C  
Liquid-cooling System

# SUPER LONG CYCLE LIFE

## 4.2MWh PRE-INSTALLED STANDARD 20' CONTAINER



### FEATURES



**Long cycle life**  
10,000+ cycles



**Lower auxiliary power consumption**  
30% less auxiliary consumption than CLOU-Aero series



**Outstanding cell temperature control**  
 $\leq 5^{\circ}\text{C}$  temperature differences



**Flexible configuration**  
Configurable and expandable capacity



**BMS active balancing**  
Usable capacity Improved  
Commissioning duration shortened



**Less footprint & higher energy density**  
Enabling side by side installation  
20% footprint saved



**Highly integrated & fully pre-installed**  
Minimizing EPC work on site, satisfying the requirements of rapid deployment and simple installation



**DC-DC rack level management**  
1.5% usable energy improved  
Enabling mixed use of old and new batteries

# CLOU AQUA-C LIQUID-COOLING SYSTEM



Renewable Energy



Utility

## SPECIFICATIONS

Model	CLOU Aqua-C	
Nameplate Energy (MWh)	3.7	4.2
Max. C-rate	0.5 CP	0.5 CP
Cell Capacity	280 Ah	314 Ah
Voltage Range (V)	1186-1497.6	1186-1497.6
Max. Continuous Charge / Discharge Power (MW)	1.85	2.1
Ambient Temperature	-30-50 °C (>45 °C Derating)	
Relative Humidity	5-95% (Non-condensing)	
Altitude	≤ 3000 m	
Noise	≤ 75 dB(A)	
Protection Rating	NEMA Type 3 / IP 55	
Anti-corrosion Level	C4 / C5 (Optional)	
Seismic Compliance	ASCE 7-16 / IBC / IEEE 693 (Optional)	
External Communication Interface	Ethernet / Optical Fiber	
Dimension (W*D*H)	20 ft HQ, 6058*2438*2896 mm	
Design Life	20 Years	
Fire Suppression System	Aerosol, Dry Water Pipe, Gas Detection, Ventilation System, Explosion Panel (Optional)	
Main Standards and Certificates	NFPA855 / 70 / 72 UL1973 / UL9540A / UL9540 IEC62619 / CE / UN38.3	

Note: 4.2 MWh liquid-cooling container will be ready in 1H of 2024.

