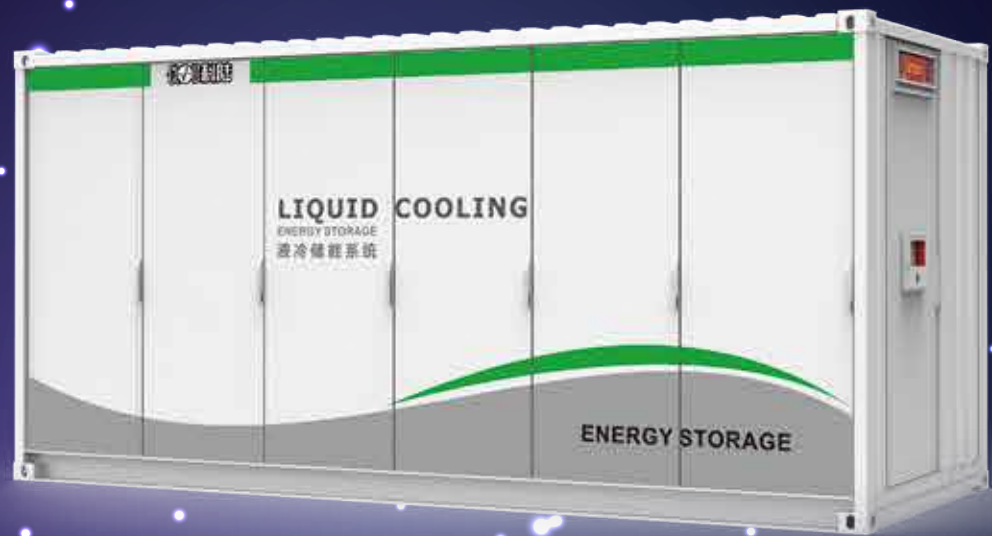


# UTILITY-CLOU AQUA-C

Liquid-cooling System



## FEATURES

- ☆ Super long cycle life - 10000+
- ☆ Lower auxiliary power consumption - save 35% auxiliary consumption
- ☆ BMS active balancing technology - improve the usable capacity by 10%, shorten the commissioning duration by 40%
- ☆ Remarkable temperature control technology -  $\leq 5^{\circ}\text{C}$  temperature differences inside a container
- ☆ High integrated and fully pre-installed - minimized EPC work on site, meet the requirements of rapid deployment and simple installation
- ☆ Support side by side installation of 2 containers with less installation clearance - save floor area by 50%, energy density is  $111\text{ kWh/m}^2$
- ☆ DCDC rack-level management - reduce the circulating current of battery cluster, improve the system usable energy, and realize the mixed use of old and new battery
- ☆ Flexible configuration - configurable and expandable capacity

## SPECIFICATIONS

MODEL	CLOU Aqua-C		
Nameplate Energy (kWh)	3727	4180	
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 (kW)	1863.5	2090	
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)		
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)		
Standards or Certificates	NFPA855 / 68 or 69 / 70 / 72	UL1973 / UL 9540A / UL9540	IEC62619 / CE / UN38.3