

# 3 MWh PRE-INSTALLED STANDARD 20' CONTAINER



## FEATURES



**Lower auxiliary power consumption**  
20% auxiliary consumption saved



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



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



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



Renewable Energy



Utility

# CLOU AERO-C AIR-COOLING SYSTEM

## SPECIFICATIONS

	C-rate Range	0.3 CP - 0.5 CP	Below 0.3 CP	1 CP
Nameplate Energy (MWh)	2.6	3.0	1.8	
Max. C-rate	0.5 CP	0.3 CP	1 CP	
Cell Capacity	280 Ah	280 Ah	120 Ah	
Voltage Range (V)	1113-1491 (Full Power)	1113-1491 (Full Power)	1120-1420 (Full Power)	
Max. Continuous Charge / Discharge Power (MW)	1.3	0.9	1.8	
Operation Ambient Temperature		-30-50 °C (> 45 °C Derating)		
Relative Humidity		0-95% (Non-condensing)		
Altitude		≤ 3000 m		
Noise		≤ 75 dB(A)		
Protection Rating		NEMA Type 3R / IP54		
Anti-corrosion Level		C4 / C5 (Optional)		
Seismic Compliance		ASCE 7-16 / IBC / IEEE693 (Optional)		
External Communication Interface		Ethernet / Optical Fiber		
Dimension (W*D*H)		20 ft HQ, 6058*2438*2896 mm		
Design Life		20 Years		
Weight	< 35000 kg	< 35000 kg	< 27000 kg	
Fire Suppression System	Aerosol, Dry Water Pipe, Gas Detection, Ventilation System, Explosion Panel (Optional)			
Main Standards and Certificates	NFPA855 / 70 / 72 UL1973 / UL 9540A / UL9540 IEC62619 / CE / UN38.3			

