

WeCube 5MWh SERIES BATTERY CONTAINER

Liquid Cooling



High

High system energy efficiency



Efficiency

Efficient thermal management



Triple

Triple efficiency in economic performance, safety and cycle life



Comprehensive

Comprehensive safety assurance



DC SIDE PARAMETERS

Model	1.25MW/2.507MWh	1.725MW/3.761MWh	2.5MW/5.015MWh
Cell Type	3.2V/314Ah		
Cell Material	LFP		
Rated Charging/Discharging Ratio	0.5C		
Cycle Life	≥8000 (0.5C, 25±5°C, 90%DOD, 70%EOL)		
Battery Configuration	6P416S	9P416S	12P416S
Nominal Capacity	2.507MWh	3.761MWh	5.015MWh
Nominal Voltage	1331.2V		
Nominal Voltage Range	1164.8V-1497.6V		

SYSTEM PARAMETERS

Operation Temperature Range	-25°C-55°C (45°C Derating)
Storage Temperature Range	Long-term storage 0°C-35°C (<1 year) Short-term storage -20°C-45°C (<1 month)
Battery Temperature Control Method	Liquid Cooling
PCS Cooling Method	Liquid Cooling
Operation Humidity Range	≤95%
Max. Operation Altitude	4000m (>2000m Derating)
Noise	≤80dB
Fire Suppression System	Cabin Level / Package Level Fire Protection Optional
External Communication Protocol	IEC 61850 / MODBUS / CAN
Standard	UL, CE, GB

STRUCTURE PARAMETERS

Type	Container Type		
Opening Mode	Open The Door Outside		
Maintenance Mode	External Maintenance (Non-walk-in)		
Dimensions (W * D * H)	6058*2438*2896mm		
Weight	Approx. 25.5T	Approx. 33.5T	Approx. 42T
Anti-corrosion Degree	C4-M, C5-M		
IP Class	IP54 / IP55		

AC SIDE PARAMETERS PAIRED

Nominal Power	1.25MW	1.725MW	2.5MW
---------------	--------	---------	-------