

# ENERGY STORAGE SYSTEM

## WeCube 1MW/2MWh

Liquid Cooling

All In One Design

### FEATURES AND BENEFITS

- EXTREMELY SAFE AND RELIABLE
- GRID AND ENVIRONMENT FRIENDLY
- HIGH EFFICIENCY AND FLEXIBLE
- MINIMAL AND EASY O&M



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### PARAMETERS AND SPECIFICATIONS

Items	Value
<b>DC Side Parameters</b>	
Cell Material	LFP
Cell Type	3.2V/314Ah
Rated Charging Ratio	0.5C
Cycle Life	≥8000 cycles (@0.5C, 25±5 °C, 90% DOD, 70% EOL) or 10 years *
Battery Configuration	8P260S
Nominal Capacity	2089kWh
Nominal Voltage	832V
Nominal Voltage Range	728~936V
<b>AC Side Parameters</b>	
Nominal Power	1000kW
Max. Power	1100kW
Nominal Voltage	400/380V(-15%~10%)
THDi	<3% @ rated output power
Power Factor	-1~1
Grid Frequency	50/60Hz(-5%~5%)
Termination	3 phase 3 wire
Isolation Method	Non-isolated
<b>System Parameters</b>	
Operation Temperature Range	-20°C to +55°C (Power derating above 45°C)
Storage Temperature Range	Long-term: 0°C~35°C (<1 year), Short-term: -20°C~45°C (<1 month)
Battery Temperature control Method	Liquid Cooling
PCS Cooling Method	Air Cooling (Forced Air)
Operation Humidity Range	≤95%RH
Max. Operation Altitude	4000m (>2000m derating required)
Noise	≤80 dB
Fire Suppression System	Aerosol fire extinguishing system
External Communication Protocol	MODBUS/CAN
<b>Structure Parameters</b>	
Type	Outdoor Cabin
EMS Display	Touch Screen
Opening Mode	Doors on all four sides
Maintenance Mode	Battery: Non-walk-in, PCS: Walk-in
Dimensions(WxDxH)	6058*2896*2438mm
Weight	Approximate weight in 24.5 tons.
Anti-corrosion Degree	C5
IP Class	IP54

\* 8000 cycles is a design life or laboratory tested value only.

\*Specifications of the products are subject to change without prior notice.

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