

WeNode 125kW/261kWh C&I BESS

Liquid Cooling All In One



Efficiency

High-efficiency bidirectional PCS (314Ah)



Multiple

Multi-device interfaces



Intelligent

Intelligent energy management



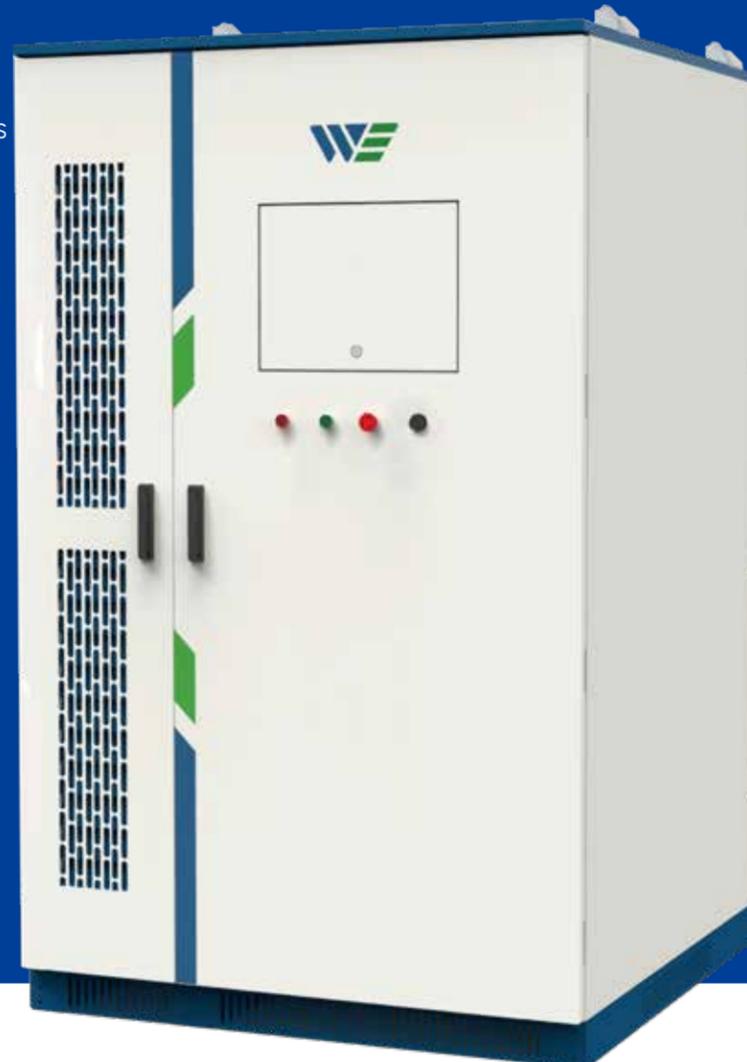
Bidirectional

Bidirectional balancing BMS



Safety

Proactive safety system, dual-level fire protection (pack-level + cabinet-level)



DC SIDE PARAMETERS

Cell Type	LFP 3.2V / 314Ah
Cell Material	LFP
Rated Charging/Discharging Ratio	0.5 C
Cycle Life	≥6000 (0.5C, 25±5°C, 90%DOD, 80%EOL)
Battery Configuration	1P260S
Nominal Capacity	261kWh
Nominal Voltage	832 V
Nominal Voltage Range	728~936 V

AC SIDE PARAMETERS

Nominal Power	125kW
Max. Power	150kW
Nominal Voltage	400V(-15% ~ 15%)
THDi	≤3% (full load)
Power Factor	≥0.99, (Adjustable: -1~1)
Grid Frequency	50Hz / 60Hz
Termination	3P4W + PE
Isolation Method	Non-Isolation

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	Air Cooling
Operation Humidity Range	≤95%
Max. Operation Altitude	4000m (>2000m Derating)
Noise	≤75dB
Fire Suppression System	Aerosol
External Communication Protocol	MODBUS / CAN

Standard

UL, CE, GB

STRUCTURE PARAMETERS

Type	Outdoor Cabinet Type
Display	Optional
Opening Mode	Front Double Doors
Maintenance Mode	Front and Rear Maintenance (Non-walk-in)
Dimensions (W * D * H)	1440*1420*2180mm
Weight	Approx. 2.75T
Anti-corrosion Degree	C4-M, C5-M
IP Class	IP54