

WeNode 100kW/215kWh C&I BESS

Liquid Cooling All In One Design



Efficiency
High-efficiency bidirectional PCS



Multiple
Multi-device interfaces



Intelligent
Intelligent energy management



Bidirectional
Bidirectional balancing BMS



Safety
Proactive safety system



DC SIDE PARAMETERS

Cell Material	LFP
Cell Type	LFP 3.2V / 280Ah
Rated Charging/Discharging Ratio	0.5C
Cycle Life	≥8000 (0.5C, 25±5°C, 90%DOD, 70%EOL)
Battery Configuration	1P240S
Nominal Capacity	215kWh
Nominal Voltage	768V
Nominal Voltage Range	672-864V

AC SIDE PARAMETERS

Nominal Power	100kW
Max. Power	110kW
Nominal Voltage	380V (-15%~10%)
THDi	<3% @ rated output power
Power Factor	≥0.99, (Adjustable: -1~1)
Grid Frequency	50 / 60 Hz (-5%~5%)
Termination	3P4W + PE
Isolation Method	Non-Isolation

SYSTEM PARAMETERS

Operation Temperature Range	-25°C~55°C (45°C Derate)
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 Maintenance (Non-walk-in)
Dimensions (W * D * H)	1300*1330*2180mm
Weight	Approx. 2.6T
Anti-corrosion Degree	C4-M, C5-M
IP Class	IP54