

INDUSTRIAL AND COMMERCIAL ESS

VN-200K-LCH372 | VN-209K-LCH418



Three phase 100% unbalanced load



Single cabinet capacity can reach 418kWh



Intelligent Dehumidification



PACK-level plus cabin-level fire protection, safe and controllable



Cloud operation and maintenance



Flexible expansion Easy installation and maintenance



PV



Wind



Industrial and Commercial



Grid Side



Hybrid Charging



Grid

► Connect Diagram



Model	VN-200K-LCH372	VN-209K-LCH418
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Battery

Battery Type	LiFePO ₄	
Rated Charge/Discharge Performance	0.5C	
Nomnal Voltage	1331.2V	1331.2V
Operating Voltage Range	1164.8-1497.6V	1164.8-1497.6V
Cell Rated Capacity	280Ah	314Ah
Rate Capacity	372.73kWh	417.99kWh
Composition	1P416S	1P416S

AC Output (Grid Side)

Rated Output Power	186kW	209kW
Max.Output Current	155.64A	175A
Rated Grid Voltage	3/PE, 690V	
Rated Grid Frequency	50/60Hz	
DC Component	<0.5% In	
Power Factor	>0.99	
Current Total Harmonic Distortion	<3% (@ Rated Power)	

General Date

Ingress Protection	IP54	
Cooling Method	Battery Compartment (Liquid Cooling), Electrical Compartment (Air Cooling)	
Battery Cooling Method	Liquid cooling	
Fire Protection System	Perfluorohexanone	
Relative Humidity	0~95%, no condensation	
Operating Temperature	-20~+50°C	
Altitude	4000m (>2000m requires derating)	
Communication Method	RS485、CAN	
Communication Protocol	Modbus、IEC104	
Reference Weight	3600kg	
Reference Size	1325×1375×2300mm	
Transportation Method	Overall Transportation	