

All-In-One C&I PV ESS Cabinet

VN-AES125-LHC261



Cloud Operations



Intelligent
Dehumidification



Flexible expansion
Easy installation



Liquid Cooling



PV



Wind



C&I



Grid Side

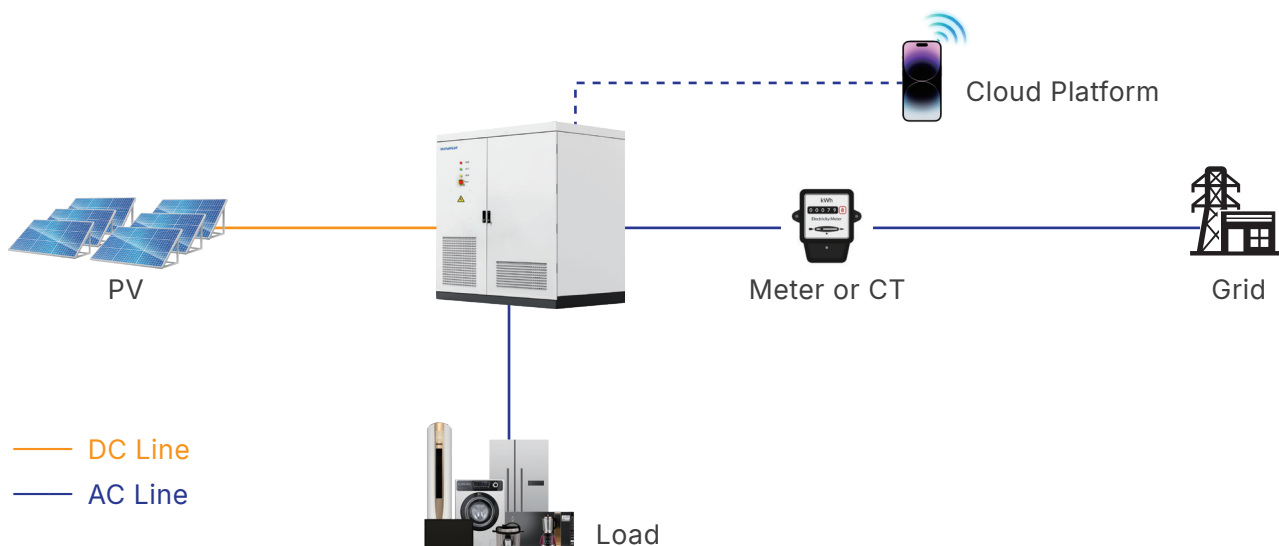


Hybrid
Charging



Grid

► Connect Diagram



Model		VN-AES125-LHC261
System Specification		
Rated Output Power		125kW
System Capacity		261.248kWh
Battery Type		LiFePO4
Battery Cell		3.2V/314Ah
Connection Method		1P260S
Battery Cluster		832V/314Ah
Max. Charging/Discharging Current		198A
Operating Temperature Range		Charge -20~55°C; Discharge 0~55°C
Cycle Life		>8000cycles
AC Side (On-grid)		
Rated Output Power		125kVA
Rated Output Current		181A
Rated Grid Voltage		3/N/PE, 230/400V
Rated Grid Frequency		50/60Hz
THDi(@Rated Power)		<3%
Power Factor		0.9 leading ~ 0.9 lagging
AC Side (Off-grid)		
Rated Output Power		125kVA
Max. Output Power		137.5kVA
Rated Output Current		181A
Max. Output Current		200A
Rated Voltage		3/N/PE, 230/400V
THDi(@Resistive load)		<3%
Unblanced Load Capacity		100%
Rated Output Frequency		50/60Hz
General Data		
Communication		EMS: RS485, Battery: CAN RS485
Weight		2750kg
Dimension		2050×1600×1348mm
Protection Degree		IP54
Operating Temperature Range		-30~60°C(>45°Cderating)
Relative Humidity		0~95%, No condensation
Cooling Method		Battery compartment (Liquid cooling), Electrical compartment (Air cooling)
Max. Operating Altitude		4000m (>2000m requires derating)
Transportation Method		Overall transportation