

Small C&I ESS Solution

VED Series — All in One



Features and Advantages

Safe and Reliable

- Overvoltage and overcurrent protection for cells, packs, battery systems, and PCS.
- Multi-level fire protection design

High performance

- The entire cabinet integrates PCS, BMS, and EMS.
- Temperature difference less than 3°C

Easy Installation

- Modular integrated design, factory pre-installed and tested.
- Plug-and-play for on-site installation, easy connection, and simple configuration.

High intelligence

- Equipped with Vestwoods cloud platform
- Real-time monitoring and alerts;
- 24/7 remote maintenance available.

VED 125k-261kWh-L

Technical Parameters



Model	VED 125k-261 kWh-L
Battery Side	
Battery Type	Li-ion(LFP)
Cell Capacity	314Ah
Module Capacity	52.24kWh
Nominal Capacity	261kWh
Module Quantity	5
Operation Voltage Range	728-936V
Cycle Life	6000 Cycles @80%DOD, 25°C
Max.Charge/Discharge Current	0.5P
AC Side	
Rated AC Power	125kW
Max.AC Power	137.5kW
Rated AC Current	180A
Rated Grid Voltage	400V(-15%~+10%), 3W+PE/3W+N+PE
Rated Grid Frequency	50/60Hz(±5Hz)
Power Factor	<3%(rated power)
THDi	-1 (leading) ~ +1 (lagging)
General	
Cooling Concept	Liquid Cooling
Noise	<75dB(1m)
Operating Humidity(No condensation)	≤95%RH
Altitude	<3000m
Fire Protection	Aerosol, Perfluoro(optional)
Communication	RS485/CAN/Modbus TCP/RTU
Operating Temperature Range	-20°C~55°C(>45°C derating)
Anti-corrosion Grade	C4(C5 option)
Ingress Protection	Battery Pack: IP65 Cabinet: IP55
Dimension(W*D*H)	1000*1450*2300mm
Weight	Approx. 2500kg
Standard	IEC62619, IEC62477, CE-EMC, IEC63056
Transport Testing Requirement	UN38.3