

Indoor C&I ESS Solution

Rack-Mounted Battery(HV)



Features and Advantages

Safer

- High-quality LFP batteries.
- Over-discharge, overcharge, overcurrent, and extreme temperature protection.
- Supports AC coupling, DC coupling, and microgrid scenarios.

Reliable

- Operating temp: -20~55°C.
- Operate up to 3000m altitude.
- Support up to 10 Cluster in parallel.
- Support up to 160A current output.

Easy Installation

- Time-saving design
- Quick-Connect
- Support 4-13 packs.

Intelligent

- LED display screen.
- Intelligent charge/discharge strategy.
- Support remote operation and maintenance.

VEB 100kWh-261kWh(AF/EU)

Technical Parameters



Model	VEB series								
System									
Module Quantity	5	6	7	8	9	10	11	12	13
Nominal Capacity	100kWh	120kWh	140kWh	160kWh	180kWh	200kWh	221kWh	241kWh	261kWh
Nominal Voltage	320V	384V	448V	512V	576V	640V	704V	768V	832V
Operation Voltage Range	280-360V	336-432V	392-504V	448-576V	504-648V	560-720V	616-792V	672-864V	728-936V
Weight	813kg	963kg	1112kg	1261kg	1423kg	1572kg	1719kg	1868kg	2030kg
Battery Type	LFP								
Cell Capacity	314Ah								
Rated Charge/Discharge Current	160A(0.5C)								
Battery Module									
Module Capacity	20.09kWh								
Rated Voltage	64V								
Dimension(W*D*H)	483*941*261mm								
Weight	149kg								
General									
Cycle Life	6000 Cycles@80%DOD, 25℃								
Communication	CAN/RS485								
Altitude	<3000m								
Expansion	Max. 6 Cluster System in Parallel								
Charge/Discharge Temperature Range	Charge:0℃-55℃/Discharge:-20℃-55℃								
IP Rating	IP20								
Operating Humidity	5-95%RH(no condensation)								
Environment	Indoor								
Installation Type	Stackable Level Package((Rack Option)								
Cooling Concept	Natural Cooling								
Standard	UN38.3/CE-EMC/IEC62619/IEC 62477/IEC 63056								
Inverter Match	Deye/Solis/Megarevo etc.								
Transport testing requirement	UN38.3								

System Diagram

