Outdoor Cabinet ESS

Product Display

Triple Safety Protection

Three-level fire protection design for PACK & Battery Cabinet: Prevention + Venting + Suppression

Intrinsic Safety

Solid-state cell technology

Flexible Combination

Flexible grid connection
Multi-machine combination

Long Service Life

Liquid cooling system
20-year daily 1C1D cycling

High Efficiency

1C high-power grid-connected capacity expansion

Multiple Functions

Load shifting
Peak shaving & frequency regulation
Backup power
Peak capacity expansion

Product Specifications

Model	YDC-125kW/261kWh-B-Y
System Parameters	
Dimensions(H*W*D)	1300x1315x1995mm
Weight	2.3 t
Protection Level	IP54
Rated AC Power	125KW (AC400V)
Energy Efficiency	261kWh
Series-parallel Connection	1*1P260S
System Conversion Efficiency	90%
Thermal Management Method	Liquid Cooling
Application Environment	C5 corrosion resistance & class IV pollution tolerance
Maximum Charge and Discharge Rate	0.5P
Working Temperature	-30-50℃
Cycle Life	8500 cyc@25℃70%SOH(0.5P/0.5P)
Cell Technical Parameters	
Model	LFP 314Ah
Weight	5.4kg
Dimensions(H*W*D)	207.01*173.82*71.72mm
Energy	1004.8Wh
Rated Voltage	3.2V
Pack Parameters	
Model	YDC-314P52-Y
Series-Parallel Connection of per Pack	1P52S
Energy of per Pack	52.24kWh

Model	YDC-250kW/522kWh-B-Y
System Parameters	
Dimensions(H*W*D)	1560x2280x2370mm
Weight	4.5 t
Protection Level	IP54
Rated AC Power	250KW (AC400V)
Energy Efficiency	522kWh
Series-parallel Connection	2P*1P260S
System Conversion Efficiency	90%
Thermal Management Method	Liquid Cooling
Application Environment	C5 corrosion resistance & class IV pollution tolerance
Maximum Charge and Discharge Rate	0.5P
Working Temperature	-30-50℃
Cycle Life	8500 cyc@25℃70%SOH(0.5P/0.5P)
Cell Technical Parameters	
Model	LFP 314Ah
Weight	5.4kg
Dimensions(H*W*D)	207.01*173.82*71.72mm
Energy	1004.8Wh
Rated Voltage	3.2V
Pack Parameters	
Model	YDC-314P52-Y/YDC-314P104-Y
Series-parallel Connection of per Pack	1P104S/1P52S
Energy of per Pack	104.49KWh/52.24kWh

● Product Features

- Large Capacity / Easy Installation / Flexible Layout
- The combination usage of single and multi-machine
- Cloud & APP management
- Independent and efficient O&M