

Outdoor Cabinet ESS

Product Display

Automatic On-grid and Off-grid Operation

Seamless transition between grid-tied and off-grid modes



High Security

Solid-state cell technology



Flexible Combination

Flexible grid connection
Multi-machine combination



Long Service Life

Liquid cooling system
20-year daily 1C1D cycling



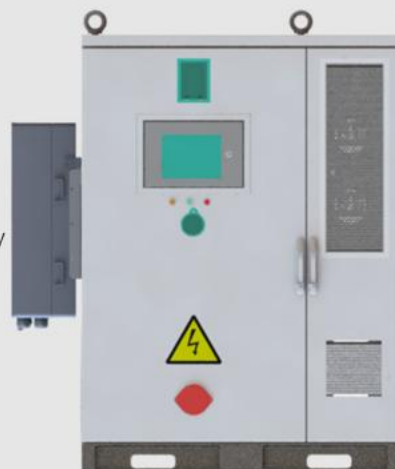
High Efficiency

The 90% system conversion efficiency



High Integration

All-in-one battery and inverter system with PCS and PV input



Product Specifications

Model	YDC-202kWh-B-Y
Dimensions(H*W*D)	1450x1400x1980mm
Weight	2.5 t
Protection Level	IP54
Rated Power	50/100KW
System Energy	202kWh
Rated Output Voltage	AC 400V
PCS Inclusion Status	Included
Cycle Life	6800cyc@70%EOL
Battery Model	LFP 304Ah
System Conversion Efficiency	94%
Thermal Management Method	Liquid Cooling
Application Environment	C3
Working Temperature	-30-50°C
Certificate	UN38.3(PACK)

Product Features

- Long Service Life / High Cycle Performance / Excellent Cell Consistency
- Cloud application management
- Independent and efficient O&M
- Integrated PV & critical loads with seamless grid-on/off switching