

Containerized ESS

Product Display

Triple Safety Protection

Three-level fire protection design for PACK & Rack & Container: prevention, containment, and extinguishment.



Long Service Life

Liquid cooling system
20-year reliability



High Efficiency

The RTE $\geq 94\%$



Intrinsic Safety

Solid-state cell technology



Multiple Functions

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



Product Specifications

Model	YDC-4.04MWh-A
System Parameters	
Dimensions(H*W*D)	6800*2550*2896mm
Weight	40 t
Protection Level	IP54
Rated Power	4MW
Energy	4.04MWh
Series-Parallel Connection	10P*1P416S
Thermal Management Method	Liquid Cooling
Application Environment	Corrosion Resistance up to Category C5 & Contamination up to Class IV
Max. Charge and Discharge Rate	1P
Rated Voltage	1331.2V
Voltage Range	1123.2~1497.6V
Operating Temperature	-30~50°C
Cycle Life	5000cyc @25°C 70%SOH(1P/1P)
Cell Technical Parameters	
Model	LFP 304Ah
Weight	5.4kg
Dimensions(H*W*D)	207.01*173.82*71.72mm
Energy	972.8Wh
Rated Voltage	3.2V
Pack Parameters	
Model	YDC-304P51-Y-TR
Series-Parallel Connection	1P52S
Energy of per Pack	50.5856KWh

● Product Features

- Standardized design and mass production ensure more consistent process quality.
- High system integration density results in a compact footprint.
- Integrated transportation significantly reduces on-site installation time and cost.