

Heavy-Duty Truck BESS

Product Display

Fast Charging

Fully charged in 40min



High Reliability

Four times vibration national standard



Low-Temperature Adaptation

Normal operation at -30°C



Higher Security

Solid-state cell technology



High Temperature Adaptation

Normal operation at 55°C



Product Specifications

Model	YDV-576V350.2kWh-Y
System Parameters	
Dimensions(H*W*D)	2380*2460*815mm
Weight	About 3.3 t
Protection Level	IP67
Rated Voltage	576V
Rated Capacity	608Ah
Charge Current	Max. Charge Current: 608A
Model	LFP
Series-Parallel Connection	2P*1P180S
Thermal Management Method	Liquid Cooling / Heating Film Heating-Optional
Application Environment	-30°C to 55°C, suitable for non-corrosive and salt-free harsh environments
Seismic Capacity	Compliant with GB 38031 vibration standard
Operating Temperature	-10-35°C
Cycle Life	4200 cycles (80% SOH, 25°C)
Cell Technical Parameters	
Model	LFP 304Ah
Weight	5.56kg
Dimensions(H*W*D)	207.01*173.82*71.72mm
Max. Charge and Discharge Rate	1.5C
Rated Capacity	972.8Wh
Rated Voltage	3.2V
Pack Parameters	
Model	YDV-C304
Series-Parallel Connection	1P36S

● Product Features

- 4x national standard vibration resistance, adapted to harsh mining conditions
- High-rate charge/discharge with significantly improved operational efficiency
- Explosion-proof vent & anti-condensation design for enhanced safety
- AI-powered battery holographic management ensuring security and reliability