

**REPT  
BATTERO**

**TSINGSHA**

**LEADING BATTERY SOLUTION  
PROVIDER FOR ELECTRIC  
COMMERCIAL VEHICLE**



# COMPANY

## INTRODUCTION

### ➤ Tsingshan Holding Group

Tsingshan Industry has invested in the new energy field by combining its rich mineral resources. Adhering to the mission of 'Refining a hundred years of stainless steel, building a green future', REPT BATTERO enjoys the unique resource integration ability and synergy advantage of the whole industrial chain conferred by Tsingshan Industry, and has become one of the fastest-growing battery producers in the industry.

**NO.1**

Global stainless steel crude steel production output

**NO.1**

Global nickel metal production output

**NO.265**

Fortune global 500 companies in 2024

**185000+**

Total employees in 2025

### ➤ Main Business

Supplying power battery systems and services for green transportation networks



Cells



Modules



Battery Packs

### ➤ REPT BATTERO

REPT BATTERO Energy Co., Ltd., founded in 2017, is the first new energy enterprise established by Tsingshan Holding Group, a Fortune Global 500 company. The company specializes in the research, development, production, and sales of lithium-ion batteries, providing solutions for new energy vehicle (NEV) power systems and smart energy storage. REPT BATTERO works hand in hand with customers to accelerate the global transition to green energy.

The company has established R&D centers in Shanghai, Wenzhou, and Jiaxing, and manufacturing bases in Wenzhou, Jiaxing, Liuzhou, Foshan, Chongqing, and Indonesia. By the end of 2024, the total production capacity reached 79 GWh, and is expected to exceed 90 GWh in 2025. In 2024, REPT BATTERO ranked 5th globally in energy storage cell shipments, 2nd globally in residential energy storage battery shipments, 6th domestically in lithium iron phosphate (LFP) power cell shipments, and 3rd in China in battery installations for new energy heavy-duty truck models.

**BNEF Tier1**

Bloombergnef tier 1 energy storage manufacturers

**\$ 2.5 Billion**

Sales revenue in 2024

**NO.6**

Domestic shipment volume of lithium iron phosphate (lfp) power cells in 2024

**NO.3**

2024 ranking of new energy heavy-duty truck models by installation volume

Supplying solutions and services for clean energy storage



Electrical Cabinet



Energy Storage Systems



Energy Storage Stations

### ➤ Manufacturing Plant



WENZHO, CHINA



LIUZHOU, CHINA



CHONGQING, CHINA



JIAXING, CHINA



FOSHAN, CHINA



MALUKU, INDONESIA

# Commercial Vehicle Battery Product Matrix



Capacity/Model		324Ah	306Ah	280Ah	230Ah
Nominal voltage (V)		3.2V	3.2V	3.2V	3.2V
Size(mm)		72*174*204	71*173*204	71*173*204	54*173*204
Energy Density		190Wh/kg	180wh/kg	170wh/kg	180wh/kg
Cycle life		7000Cycle	4500Cycle	5000Cycle	5000Cycle
Storage Temperature		-40~60	-40~60	-40~60	-40~60
Weight		5.6±0.1 kg	5.65±0.16kg	5.27±0.16kg	4.09±0.12kg
Charge Discharge Rate		680@60s S0C≥30%	612@60s S0C≥20%	560@60s S0C≥20%	460@60s S0C≥20%
Operating Temperature	Charging	-20≤T≤55	-20≤T≤55	-20≤T≤55	-20≤T≤55
	Discharging	-30≤T≤60	-30≤T≤60	-30≤T≤60	-30≤T≤60



Capacity/Model		205Ah	150Ah	100Ah
Nominal voltage (V)		3.2V	3.2V	3.2V
Size(mm)		54*173*200	36*173*204	27*173*204
Energy Density		168Wh/kg	172Wh/kg	147Wh/kg
Cycle life		3500Cycle	3500Cycle	4000Cycle
Storage Temperature		-40~60	-40~60	-40~60
Weight		3.90±0.12kg	2.80±0.08kg	2.18± 0.05kg
Charge Discharge Rate		410@60s S0C≥20%	450@60s S0C≥30%	300@30s S0C≥20%
Operating Temperature	Charging	-20≤T≤55	-20≤T≤55	-20≤T≤55
	Discharging	-30≤T≤60	-30≤T≤60	-30≤T≤60



## Commercial Vehicle Battery Pack Product Matrix



### Pack-F

Size:	2263*645* 247
Thermal management:	Electric heating, Liquid heating, Liquid cooling
Outer Box Form:	Aluminum pallet box
Energy Density:	>159Wh/kg
Pack Configuration:	1P96S
Nominal Energy:	100.15kWh
Rated Voltage:	309.12V
Weight:	630kg
Application Field:	On-road heavy-Duty truck



### Pack-C/D/G

Size:	950*640*240
Thermal management:	Electric heating, Liquid heating, Liquid cooling
Outer Box Form:	Aluminum pallet box
Energy Density:	160+
Application Field:	Bus



### Rack-S

Size:	2400*850*1884
Thermal management:	Electric heating, Liquid heating, Liquid cooling
Outer Box Form:	Aluminum pallet box
Energy Density:	145Wh/kg
Pack Configuration:	3P208S
Nominal Energy:	680kWh
Rated Voltage:	669V
Weight:	4.7T
Application Field:	On-road heavy-Duty truck



### Rack-S

Size:	2400*850* 1391
Thermal management:	Electric heating, Liquid heating, Liquid cooling
Outer Box Form:	Aluminum pallet box
Energy Density:	140Wh/kg
Pack Configuration:	2P208S
Nominal Energy:	450kWh
Rated Voltage:	669V
Weight:	3.2T
Application Field:	On-road heavy-Duty truck

## Collaborative Brands



## ➤ Application Fields

High-safety, long-lifetime, and long-warranty power battery product series meet the electrification needs of urban buses, micro vans, medium vans, light trucks, heavy trucks (including urban sanitation vehicles), mining trucks, and special vehicles (such as forklifts, aerial work platforms, port operation machinery, etc.).



Heavy truck



Light truck



Commercial sanitation truck



Forklift



Commuter car



Van



Marine



Intercity transportation



Construction machinery

## ➤ ESG Management



Supply Chain Traceability Management

01



Energy Utilization

02



Battery Recycling

03



Waste Emissions and Utilization

04



Employee Production Safety and Health

05



Corporate Social Responsibility System

06



Liuzhou Base was awarded Guangxi Zhuang Autonomous Region GreenFactory



Liuzhou Base was awarded Guangxi Intelligent Demonstration Manufacturing Enterprise



Jiaxing Base was awarded Jiaxing city Green Factory



Wenzhou Base and Liuzhou Base were awarded National-level Green Factory



We will establish a development system aligned with the United Nations Sustainable Development Goals, creating a safe and healthy workplace for all employees and a green, eco-friendly community environment to ensure sustainable and rapid growth.

# Global Industrial Layout

■ Annual production of 30,000 tons of battery-grade cobalt sulfate

■ Annual production of 20,000 tons of AG artificial graphite

■ > 9 million tons of nickel metal reserves

■ Resource integration and synergy



■ CHINA

■ AFRICA

■ INDONESIA

■ GERMANY

■ AMERICA

● Planned Production Capacity For 2025

「90GWh+」

● R&D Center

「Jiaxing | Shanghai  
Wenzhou」

● Production Base

「Wenzhou | Jiaxing | Liuzhou  
Foshan | Chongqing | Indonesia」

● Indonesia Base

「Under Construction」

## REPT BATTERO Energy Co.,Ltd.



### R&D Center

Jiaxing Wenzhou Shanghai, China  
Email:market@reptbattero.com



### Production Base

Wenzhou Jiaxing Liuzhou Foshan Chongqing, China  
Indonesia  
Email:market@reptbattero.com



### American Subsidiary

REPT Battero American Corporation  
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### German Subsidiary

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LinkedIn

### STOCK CODE

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