

**REPT  
BATTERO**

**TSINGSHAN**

# **POWER BATTERY SOLUTION FOR COMMERCIAL VEHICLES**

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REPT ENERGY

DRIVING A SUSTAINABLE FUTURE



# COMPANY

## INTRODUCTION

### ➤ Tsingshan Holding Group

Tsingshan Industry has made strategic investments in the new energy sector by leveraging its abundant mineral resources. Adhering to the mission of "Forging a Century of Stainless Steel, Building a Green Future", REPT BATTERO leverages the unique resource integration capabilities and full-industrial-chain synergies granted by Tsingshan Industry, and has become one of the fastest-growing battery manufacturers in the industry.

## NO.1

Global No.1 in Crude  
Stainless Steel Production

## NO.1

Global No.1 in Nickel  
Metal Production

### ➤ REPT BATTERO

REPT BATTERO Energy Co., Ltd., founded in 2017, is the first new energy venture of Tsingshan Industry, a Fortune Global 500 enterprise. Specializing in the R&D, production and sales of lithium-ion and sodium-ion batteries, the company provides integrated solutions for new energy vehicle power systems and smart energy storage.

It operates R&D centers in Shanghai, Wenzhou and Jiaxing, with completed production bases in Wenzhou, Jiaxing, Liuzhou, Foshan and Chongqing. Its first overseas battery plant in Indonesia is currently under construction

and claimed the world's No.1 position in residential energy storage cell shipments. It ranked 2nd nationwide in battery installations for new energy heavy-duty trucks and 7th in lithium iron phosphate power battery installations.

During the first half of 2026, the company retained its global leading position in residential energy storage cell shipments and climbed to 6th nationwide in power battery installations.

## NO.254

Ranked 254th on the 2026  
Fortune Global 500 List

## 185000+

Over 185,000 Employees  
as of 2025

## USD 3.51 Billion

2025 Sales Revenue

## BNEF Tier1

BloombergNEF Tier 1 Energy  
Storage Manufacturer

### ➤ Main Business

Supplying power battery systems and services for green transportation networks



Supplying solutions and services for clean energy storage



### ➤ Manufacturing Plant



WENZHO, CHINA



LIUZHOU, CHINA



CHONGQING, CHINA



JIAXING, CHINA



FOSHAN, CHINA



INDONESIA

## ➤➤ Battery Product Portfolio for Commercial Vehicles



| Capacity/Model        | 206Ah        | 215Ah        | 223Ah        | 228Ah        | 230Ah        | 234Ah        | 267Ah        |
|-----------------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|
| Nominal Voltage       | 3.22V        | 3.22V        | 3.73V        | 3.22V        | 3.22V        | 3.22V        | 3.22V        |
| Size                  | 36*200*215mm | 47*200*190mm | 41*173*204mm | 40*186*232mm | 54*174*204mm | 42*301*141mm | 54*174*215mm |
| Energy Density        | 185Wh/kg     | 170Wh/kg     | 248Wh/kg     | 189Wh/kg     | 180Wh/kg     | 185Wh/kg     | 190Wh/kg     |
| Cycle Life            | 6000Cycle    | 8000Cycle    | 4500Cycle    | 6000Cycle    | 7000Cycle    | 7000Cycle    | 7000Cycle    |
| Fast Charging 10%-80% | 2C           | 1C           | 1C           | 1.5C         | 2C           | 2C           | 1.2C         |



| Capacity/Model        | 268Ah        | 278Ah        | 306Ah        | 324Ah        | 324Ah        | 340Ah        |
|-----------------------|--------------|--------------|--------------|--------------|--------------|--------------|
| Nominal Voltage       | 3.22V        | 3.22V        | 3.22V        | 3.22V        | 3.22V        | 3.22V        |
| Size                  | 47*200*215mm | 41*282*179mm | 72*174*204mm | 72*174*204mm | 57*200*215mm | 72*174*204mm |
| Energy Density        | 185Wh/kg     | 190Wh/kg     | 180Wh/kg     | 190Wh/kg     | 190Wh/kg     | 195Wh/kg     |
| Cycle Life            | 7000Cycle    | 7000Cycle    | 6000Cycle    | 7000Cycle    | 7000Cycle    | 7000Cycle    |
| Fast Charging 10%-80% | 2C           | 1.5C         | 1C           | 1C           | 1C           | 1C           |

## ➤➤ Battery Box Product Portfolio for Commercial Vehicles



### Pack-FD06

Size: 2265\*645\*247  
 Thermal Management: Liquid heating, Liquid cooling  
 Outer Box Form: Aluminum pallet box  
 Application Field: On-road heavy-Duty truck  
 Nominal Energy: 100.15kWh  
 Rated Voltage: 309.12V  
 Weight: 630kg



### Pack-FC06

Size: 1110\*645\*250  
 Thermal Management: Liquid heating, Liquid cooling  
 Outer Box Form: Aluminum pallet box  
 Application Field: mining trucks, heavy-duty trucks, light-duty trucks  
 Nominal Energy: 50kWh  
 Rated Voltage: 154V  
 Weight: 312Kg



### Rack-S455kWh

Size: 2280\*840\*1000  
 Thermal Management: Liquid heating, Liquid cooling  
 Outer Box Form: Aluminum box  
 Application Field: On-road heavy-Duty truck  
 Nominal Energy: 455kWh  
 Rated Voltage: 669V  
 Weight: 2856Kg



### Rack-S350kWh

Size: 2250\*840\*750  
 Thermal Management: Liquid heating, Liquid cooling  
 Outer Box Form: Aluminum box  
 Application Field: On-road heavy-Duty truck  
 Nominal Energy: 350kWh  
 Rated Voltage: 656.88V  
 Weight: 2202Kg



### Rack-S600kWh

Size: 2380\*850\*1050  
 Thermal Management: Liquid heating, Liquid cooling  
 Outer Box Form: Aluminum box  
 Application Field: On-road heavy-Duty truck  
 Nominal Energy: 600kWh  
 Rated Voltage: 647.2V  
 Weight: 3670kg



### Rack-S800kWh

System Energy: 400kWh~800kWh  
 Thermal Management: Liquid heating, Liquid cooling  
 Outer Box Form: Aluminum box  
 Application Field: On-road heavy-Duty truck  
 Nominal Voltage: 715V  
 Weight: 5000kg

## ➤➤ 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



Concrete mixer truck



Construction machinery

## ➤ ESG Management

|  |                                                               |    |
|--|---------------------------------------------------------------|----|
|  | Sustainable Supply Chain                                      | 01 |
|  | Energy Utilization                                            | 02 |
|  | Battery Recycling                                             | 03 |
|  | Waste Emission and Utilization                                | 04 |
|  | Employee Occupational Safety and Health                       | 05 |
|  | REPT Sustainable Development Strategy                         | 06 |
|  | Comprehensive Digital & Intelligent Transformation and Layout | 07 |

# ESG

### ESG Achievements

- Member Company of UNGC & Participant of the SDG Ambition Accelerator
- Member of the Global Battery Alliance (GBA)
- B-level Management Rating in CDP Climate Change
- Top 30% in the global industry in Ecovadis Corporate Social Responsibility Rating
- A-level Rating in Wind ESG 2025
- TÜV Rheinland Sustainable Partner Award
- Forbes China Sustainable Innovation Development Enterprise

Jiashan Base, Wenzhou Base and Liuzhou Base have been awarded the title of National Green Factory

Liuzhou Base has been awarded the titles of Guangxi Smart Factory Demonstration Enterprise and Guangxi Green Factory

Jiashan Base has obtained TISAX Level 3, the highest level of information security certification

Taking the United Nations Sustainable Development Goals (SDGs) as the coordinate, we have built a full value chain sustainable development system covering R&D, manufacturing, supply chain, products and recycling, which is based on reliability, oriented by green development, driven by innovation and centered on talents.

# Global Industrial Layout

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

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

■ 9 million tons of nickel metal reserves

■ Resource Integration and Synergy



● Planned Production Capacity in 2026  
**140GWh+**

● R&D Center  
Jiaxing | Shanghai  
Wenzhou

● Production Base  
Wenzhou | Jiaxing | Liuzhou  
Foshan | Chongqing | Indonesia

## REPT BATTERO Energy Co., Ltd.

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