

**REPT
BATTERO**

TSINGSHA

COMMERCIAL APPLICATIONS

REPT ENERGY

DRIVING A SUSTAINABLE FUTURE



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.

»» REPT BATTERO

REPT BATTERO Energy Co., Ltd. was established in 2017. As the first new energy enterprise deployed by Tsingshan Industrial, a Fortune Global 500 company, it focuses on the R&D, production, and sales of lithium-ion batteries, providing solutions for new energy vehicle power and smart energy storage.

The company has R&D centers in Shanghai, Wenzhou, and Jiaxing, and production bases in Wenzhou, Jiaxing, Liuzhou, Foshan, and Chongqing. Its first overseas battery factory in Indonesia is under construction.

In the first half of 2025, it ranked 2nd nationwide in heavy-duty truck battery shipments. In the first three quarters of 2025, it ranked 1st globally in both household energy storage battery shipments and commercial & industrial energy storage battery shipments.

NO.1

Global stainless steel crude steel production output

NO.1

Global nickel metal production output

NO.247

Fortune global 500 companies in 2025

185000+

Total employees in 2025

USD 1.329 Billion

Sales for the first half of 2025

BNEF Tier1

Bloomberg tier 1 energy storage manufacturers

NO.2

Ranked No. 2 in battery loading volume for heavy-duty trucks & battery-swapping heavy-duty trucks in 2025H1

NO.3

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

»» Main Business

Supplying power battery systems and services for green transportation networks



Cells



Modules



Battery Packs

Supplying solutions and services for clean energy storage



Electrical Cabinet



Energy Storage Systems



Energy Storage Stations

Note: H1 2025 revenue is derived from the reviewed financial information in the Company's prospectus. The audited 2025 annual report is anticipated to be published in March 2026. Interim data is not indicative of full-year results.

»» Manufacturing Plant



WENZHO, CHINA



LIUZHOU, CHINA



CHONGQING, CHINA



JIAXING, CHINA



FOSHAN, CHINA



MALUKU, INDONESIA

Commercial Vehicle Battery Product Matrix



Capacity/Model		206Ah	215Ah	223Ah	230Ah	267Ah
Nominal voltage (V)		3.22V	3.22V	3.73V	3.22V	3.22V
Size(mm)		36*200*215	47*200*190	41*173*204	54*174*204	54*174*215
Energy Density		185Wh/kg	170wh/kg	248wh/kg	180wh/kg	193Wh/kg
Cycle life		6000Cycle	7000Cycle	6000Cycle	7000Cycle	7000Cycle
Storage Temperature		-40~60°C	-40~60°C	-40~60°C	-40~60°C	-40~60°C
Weight		3.55±0.08kg	4.05±0.08kg	3.3±0.05kg	4.19±0.1kg	4.7±0.1kg
Charge Discharge Rate		10-80%SOC 2C	10-80%SOC 1C	10-80%SOC 1.5C	10-80%SOC 1C	10-80%SOC 1.2C
Operating Temperature	Charging	-10-65°C	-10-65°C	-20≤T≤60°C	-10-65°C	-10-65°C
	Discharging	-35-65°C	-35-65°C	-30≤T≤60°C	-35-65°C	-35-65°C



Capacity/Model		268Ah	295Ah	324Ah	324Ah	340Ah
Nominal voltage (V)		3.22V	3.73V	3.22V	3.22V	3.22V
Size(mm)		47*200*215	54*173*204	72*174*204	57*200*215	72*174*204
Density		185wh/kg	255wh/kg	190wh/kg	190wh/kg	190wh/kg
Cycle life		7000Cycle	6000Cycle	6000Cycle	7000Cycle	6000Cycle
Storage Temperature		-40~60°C	-40~60°C	-40~60°C	-40~60°C	-40~60°C
Weight		4.73±0.15kg	4.3±0.1kg	5.6±0.1kg	5.55±0.15kg	5.68±0.15kg
Charge Discharge Rate		10-80%SOC 2C	10-80%SOC 1C	10-80%SOC 1C	10-80%SOC 1C	10-80%SOC 1C
Operating Temperature	Charging	-10-65°C	-20≤T≤60°C	-10-65°C	-10-65°C	-10-65°C
	Discharging	-35-65°C	-30≤T≤60°C	-35-65°C	-35-65°C	-35-65°C

Commercial Vehicle Battery Pack Product Matrix



Pack-FD06

Size: 2265*645* 247
 Thermal management: Electric heating, Liquid heating, Liquid cooling
 Outer Box Form: Aluminum pallet box
 Energy Density: 160+Wh/kg
 Pack Configuration: 1P96S
 Nominal Energy: 100.15kWh
 Rated Voltage: 309.12V
 Weight: 630kg
 Application Field: On-road heavy-Duty truck



Pack-C/G

Size: 1060/950*630*240
 Thermal management: Electric heating, Liquid heating, Liquid cooling
 Outer Box Form: Aluminum pallet box
 Energy Density: 160+
 Application Field: Bus



Pack-FC06

Size: 2400*850*1884
 Thermal management: Electric heating, Liquid heating, Liquid cooling
 Outer Box Form: Aluminum pallet box
 Energy Density: 160Wh/kg
 Pack Configuration: 1P48S
 Nominal Energy: 50kWh
 Rated Voltage: 154V
 Weight: 312Kg
 Application Field: Mining Trucks, Heavy Trucks, Light Trucks



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

ESG

ESG Achievements

- "Participating Companies in the United Nations Global Compact (UNGC) 'SDG Ambition Accelerator'"
- Responsible Business Alliance (RBA) Silver Level Certification
- GB/T 39604-2020 Corporate Social Responsibility Management System Certification
- 2024 Greenlight ESG List Exemplary Case - Exemplary Innovation Contribution List TOP10
- The "2024 Annual Innovation Award - Energy Conservation and Emission Reduction Technology Progress Award" and the "Carbon Neutrality Field Technology Progress Award" issued by the China Energy Conservation Association and the China Quality Certification Center.

- 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



● Planned Production Capacity For 2026
120GWh+

● 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
Address:California USA
Email:info.us@reptbattero.com

📍 **German Subsidiary**
REPT BATTERO ENERGY GERMANY GMBH
Address:Munichen Germany Subsidiary
Email:market@reptbattero.com

📍 **Indonesian Base**
Address: Maluku Indonesia
Email:market@reptbattero.com

📍 **Australian Subsidiary**
REPT BATTERO AUSTRALIA PTY LTD
Email:info.us@reptbattero.com



STOCK CODE
0666.HK

LinkedIn