

REPT
BATTERO

TSINGSHAN

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.

N0.1

Global stainless steel crude steel production output

N0.1

Global nickel metal production output

N0.247

Fortune global 500 companies in 2025

185000+

Total employees in 2025

» 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. By 2025, the company's total production capacity is expected to exceed 90GWh.

In 2024, it ranked 5th globally in energy storage cell shipments, 2nd globally in household energy storage battery shipments, 3rd nationwide in new energy heavy-duty truck installation volume, and 6th domestically in lithium iron phosphate (LFP) power cell shipments. 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.

BNEF Tier1

Bloombergnef tier 1 energy storage manufacturers

\$ 2.5 Billion

Sales revenue in 2024

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



Supplying solutions and services for clean energy storage



» Manufacturing Plant



WENZHOU, 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	8000Cycle	4500Cycle	7000Cycle	7000Cycle
Storage Temperature	-40~60	-40~60	-40~60	-40~60	-40~60
Weight	3.55±0.08kg	4.05±0.08kg	3.3±0.05kg	4.19±0.1kg	4.7±0.1kg
Charge Discharge Rate	2.8C@10-80%SOC	1C@0-100%SOC	10-80%SOC 0.8C	10-80%SOC 2.2C	10-80%SOC 1.2C
Operating Temperature	Charging	-10-65°C	-10-65°C	-20≤T≤55	-10-65°C
	Discharging	-35-65°C	-35-65°C	-30≤T≤55	-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	4500Cycle	7000Cycle	7000Cycle	7000Cycle
Storage Temperature	-40~60	-40~60	-40~60	-40~60	-40~60
Weight	4.73±0.15kg	4.3±0.1kg	5.6±0.1kg	5.55±0.15kg	5.68±0.15kg
Charge Discharge Rate	2.8C@10-80%SOC	10-80%SOC 0.8C	10-80%SOC 1C	10-80%SOC 1C	10-80%SOC 1C
Operating Temperature	Charging	-10-65°C	-20≤T≤55	-10-65°C	-10-65°C
	Discharging	-35-65°C	-30≤T≤55	-35-65°C	-35-65°C

» 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



- 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
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Production Base

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