

REPT
BATTERO

TSINGSHAN

Energy Storage System Solution

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-industry-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

NO.254

Ranked 254th on the 2026
Fortune Global 500 List

185000+

Over 185,000 Employees
as of 2025

» Main Business

Supplying power battery systems and services for green transportation networks



» REPT BATTERO

REPT BATTERO Energy Co., Ltd. was founded in 2017 as the first core enterprise strategically deployed by Tsingshan Industry, a Fortune Global 500 company, in the new energy sector. The company specializes in the R&D, production and sales of lithium-ion batteries, delivering solutions for new energy vehicle power systems and intelligent energy storage. It has established R&D centers in Shanghai, Wenzhou and Jiaxing, and production bases in Wenzhou, Jiaxing, Liuzhou, Foshan and Chongqing. Its first overseas battery manufacturing plant in Indonesia is currently under construction.

In 2025, the company ranked among the world's top 5 in energy storage cell shipments, 1st globally in residential energy storage cell shipments, 2nd nationally in new energy heavy-duty truck battery installations, and 7th nationally in lithium iron phosphate power battery installations.

USD 3.51 Billion

2025 Sales Revenue

BNEF Tier1

BloombergNEF Tier 1 Energy
Storage Manufacturer

NO.1

2025 Global Residential Energy
Storage Cell Shipments

NO.5

2025 Global Energy Storage
Cell Shipments

» Manufacturing Plant



WENZHOU, CHINA



LIUZHOU, CHINA



CHONGQING, CHINA



JIAXING, CHINA



FOSHAN, CHINA



INDONESIA

» Energy Storage Battery Product Portfolio

Residential



Capacity	50Ah	72Ah	85Ah	100Ah	100Ah	100Ah	100Ah	120Ah
Nominal Voltage	3.2V	3.2V	3.2V	3.2V	3.2V	3.2V	3.2V	3.2V
Voltage Range	2.50-3.65V	2.50-3.65V	2.50-3.65V	2.50-3.65V	2.50-3.65V	2.50-3.65V	2.50-3.65V	2.50-3.65V
Cycle life	7000cycles	6000cycles	500cycles	6000cycles	3500cycles	7000cycles	5000cycles	3500cycles
Dimension	39x148x101 (mm)	39x148x111 (mm)	50x160x119 (mm)	52x148x119 (mm)	52x148x119 (mm)	50x160x119 (mm)	27x173x207 (mm)	52x148x117 (mm)

Utility and C&I



Capacity	280Ah	314Ah	314Ah	392Ah	588Ah
Nominal Voltage	3.2V	3.2V	3.2V	3.2V	3.2V
Voltage Range	2.50-3.65V	2.50-3.65V	2.50-3.65V	2.50-3.65V	2.50-3.65V
Cycle life	8000cycles	10000cycles	12000cycles	10000cycles	10000cycles
Dimension	71x173x207(mm)	71x173x207(mm)	71x173x207(mm)	75x182x224(mm)	72x288x216(mm)

➤ Energy Storage System Product Portfolio



	Y52 Module	Y104 Module	Y104 Module	C&I All-in-One Cabinet	Liquid-Cooled Outdoor DC ESS Cabinet
Grouped Configuration	1P52S	1P104S	1P104S	1P260S	1P416S
Nominal Voltage	166.4Vdc	332.8Vdc	332.8Vdc	400Vac, 3L/N/PE	1331.2Vdc
Voltage Range	130~189.8(Vdc)	260V~379.6(Vdc)	260V~379.6(Vdc)	676~936(Vdc)	1164.8~1497.6(Vdc)
Nominal Energy	46.6kWh	104.5kWh	195.6kWh	261.2kWh	417.99kWh
Dimension	1120×810×238(mm)	2150.5×779×250(mm)	2218×1235×257.5(mm)	1050×2250×1400(mm)	1400×1340×2360(mm)
Nominal Mass	330kg	690kg	1250kg	2.58t	3.7t



	Powtrix-i(BV) All-in-One ESS	Powtrix 1.0 DC Container	Powtrix 2.0 DC Container	Powtrix 3.0 DC Container
Grouped Configuration	416S10P	416S10P	416S12P	416S12P
Nominal Voltage	DC 1331.2V AC 690V	1331.2V	1331.2V	1331.2V
Battery Voltage Range	1040V~1500V	1040V~1500V	1040V~1500V	1040V~1500V
Nominal Energy	2.09MWh, 4.18MWh	3.727MWh	5.016MWh	6.261MWh
Dimension	10080x2440x2940(mm)	6058×2438×2896(mm)	6058×2438×2896(mm)	6058×2438×2896(mm)
Nominal Mass	44.9t	36t	44.5t	49t

Energy Storage Project Highlights



Sofia Bulgaria
50 MWh



Trazhitsa, Bulgaria
7.45 MWh



Trazhitsa Bulgaria
20MWh



Polomka Slovakia
15MWh



California, USA
Calistoga Resiliency Center, 293MWh



California, USA
117.5 MWh



Xinjiang, China
30 MWh



Ningxia, China
300 MWh



Morowali Industrial Park (IMIP), Indonesia
150 MWh



Texas, USA
226 MWh



Texas, USA
130 MWh



New South Wales, Australia
1,680 MWh

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.



R&D Center

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



Production Base

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



PT REPT BATTERO Australia Pty Ltd

Energy Storage Sales Team Email: info.au@reptbattero.com
After-Sales Service Email: service.au@reptbattero.com



REPT BATTERO American Corporation

Energy Storage Sales Team Email: info.us@reptbattero.com
After-Sales Service Email: service.us@reptbattero.com



REPT BATTERO Energy Germany GmbH

Energy Storage Sales Team Email: info.eu@reptbattero.com
After-Sales Service Email: service.eu@reptbattero.com



PT REPT BATTERO INDONESIA

Energy Storage Sales Team Email: info.indo@reptbattero.com



LinkedIn

STOCK CODE

0666.HK