

Global Railway Traction Battery Market Growth 2025-2031

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Abstracts

The global Railway Traction Battery market size is predicted to grow from US\$ 487 million in 2025 to US\$ 865 million in 2031; it is expected to grow at a CAGR of 10.1% from 2025 to 2031.

The impact of the latest U.S. tariff measures and the corresponding policy responses from countries worldwide on market competitiveness, regional economic performance, and supply chain configurations will be comprehensively evaluated in this report.

An electric vehicle battery (EVB, also known as a traction battery) is a rechargeable battery used to power the electric motors of a battery electric vehicle (BEV) or hybrid electric vehicle (HEV).

According to the data of China Association of Metros, by the end of 2022, 55 cities in mainland China have opened urban rail transit and 308 operating lines. The total length of operating lines is 10287.45 km, ranking first in the world and accounting for 26.2% of the total global mileage. 1080.63 km of new operating lines were added in 2022. By the end of 2022, 545 cities in 78 countries and regions will have opened urban rail transit, with more than 41,386.12 km of operational mileage. Compared to 2021, the total mileage of urban rail transit worldwide would increase by 4,531.92 km, an increase of 11.0%, of which 1,293.45 km of subway mileage, 788.11 km of light rail mileage and 2,450.36 km of tram mileage would increase, accounting for 28.5%, 17.4% and 54.1% of the total increase respectively.

LP Information, Inc. (LPI) ' newest research report, the "Railway Traction Battery Industry Forecast" looks at past sales and reviews total world Railway Traction Battery sales in 2024, providing a comprehensive analysis by region and market sector of

projected Railway Traction Battery sales for 2025 through 2031. With Railway Traction Battery sales broken down by region, market sector and sub-sector, this report provides a detailed analysis in US\$ millions of the world Railway Traction Battery industry.

This Insight Report provides a comprehensive analysis of the global Railway Traction Battery landscape and highlights key trends related to product segmentation, company formation, revenue, and market share, latest development, and M&A activity. This report also analyzes the strategies of leading global companies with a focus on Railway Traction Battery portfolios and capabilities, market entry strategies, market positions, and geographic footprints, to better understand these firms' unique position in an accelerating global Railway Traction Battery market.

This Insight Report evaluates the key market trends, drivers, and affecting factors shaping the global outlook for Railway Traction Battery and breaks down the forecast by Type, by Application, geography, and market size to highlight emerging pockets of opportunity. With a transparent methodology based on hundreds of bottom-up qualitative and quantitative market inputs, this study forecast offers a highly nuanced view of the current state and future trajectory in the global Railway Traction Battery.

This report presents a comprehensive overview, market shares, and growth opportunities of Railway Traction Battery market by product type, application, key manufacturers and key regions and countries.

Segmentation by Type:

Open Lead Acid Battery

Pure Lead Battery

Gel Battery

Lithium-Ion Battery

Segmentation by Application:

Hybrid Railway

Autonomous Railway

This report also splits the market by region:

Americas

United States

Canada

Mexico

Brazil

APAC

China

Japan

Korea

Southeast Asia

India

Australia

Europe

Germany

France

UK

Italy

Russia

Middle East & Africa

Egypt

South Africa

Israel

Turkey

GCC Countries

The below companies that are profiled have been selected based on inputs gathered from primary experts and analysing the company's coverage, product portfolio, its market penetration.

Saft Batteries

Hoppecke

GS Yuasa

Toshiba

AKASOL AG

Hitachi

Kokam

Leclanch?

Key Questions Addressed in this Report

What is the 10-year outlook for the global Railway Traction Battery market?

What factors are driving Railway Traction Battery market growth, globally and by

region?

Which technologies are poised for the fastest growth by market and region?

How do Railway Traction Battery market opportunities vary by end market size?

How does Railway Traction Battery break out by Type, by Application?

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