

Global 5 Series Ternary Precursor Market 2025 by Manufacturers, Regions, Type and Application, Forecast to 2031

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Abstracts

According to our (Global Info Research) latest study, the global 5 Series Ternary Precursor market size was valued at US\$ 1075 million in 2024 and is forecast to a readjusted size of USD 4377 million by 2031 with a CAGR of 22.5% during review period.

In this report, we will assess the current U.S. tariff framework alongside international policy adaptations, analyzing their effects on competitive market structures, regional economic dynamics, and supply chain resilience.

The 5-series ternary precursors are chemical precursors used to produce positive electrode materials for lithium batteries, mainly composed of compounds of metal elements such as nickel, cobalt, and manganese. Specifically, '5-series' usually refers to a type in the nickel-cobalt-manganese (NCM) series, in which the nickel content is low and the proportion of manganese is relatively high, and is usually used to optimize the safety, cost, and cycle life of the battery. Through a specific synthesis process, these precursors can be converted into high-performance ternary positive electrode materials, which are widely used in electric vehicles, portable electronic devices and other fields, with good energy density, stability and economy.

This report is a detailed and comprehensive analysis for global 5 Series Ternary Precursor market. Both quantitative and qualitative analyses are presented by manufacturers, by region & country, by Type and by Application. As the market is constantly changing, this report explores the competition, supply and demand trends, as well as key factors that contribute to its changing demands across many markets. Company profiles and product examples of selected competitors, along with market

share estimates of some of the selected leaders for the year 2025, are provided.

Key Features:

Global 5 Series Ternary Precursor market size and forecasts, in consumption value (\$ Million), sales quantity (Tons), and average selling prices (US\$/Ton), 2020-2031

Global 5 Series Ternary Precursor market size and forecasts by region and country, in consumption value (\$ Million), sales quantity (Tons), and average selling prices (US\$/Ton), 2020-2031

Global 5 Series Ternary Precursor market size and forecasts, by Type and by Application, in consumption value (\$ Million), sales quantity (Tons), and average selling prices (US\$/Ton), 2020-2031

Global 5 Series Ternary Precursor market shares of main players, shipments in revenue (\$ Million), sales quantity (Tons), and ASP (US\$/Ton), 2020-2025

The Primary Objectives in This Report Are:

- To determine the size of the total market opportunity of global and key countries
- To assess the growth potential for 5 Series Ternary Precursor
- To forecast future growth in each product and end-use market
- To assess competitive factors affecting the marketplace

This report profiles key players in the global 5 Series Ternary Precursor market based on the following parameters - company overview, sales quantity, revenue, price, gross margin, product portfolio, geographical presence, and key developments. Key companies covered as a part of this study include Jiana Energy, CNGR Advanced Material, GEM, Guangdong Brunp Recycling Technology, Greatpower Technology, Umicore, Brunp Recycling, Shenzhen Kejing, Huayou, Ganfeng Lithium, etc. This report also provides key insights about market drivers, restraints, opportunities, new product launches or approvals.

Market Segmentation

5 Series Ternary Precursor market is split by Type and by Application. For the period 2020-2031, the growth among segments provides accurate calculations and forecasts

for consumption value by Type, and by Application in terms of volume and value. This analysis can help you expand your business by targeting qualified niche markets.

Market segment by Type

Consumption Type

Power Type

Market segment by Application

3C

Power Battery

Energy Storage

Aerospace

Other

Major players covered

Jiana Energy

CNGR Advanced Material

GEM

Guangdong Brunp Recycling Technology

Greatpower Technology

Umicore

Brunp Recycling

Shenzhen Kejing

Huayou

Ganfeng Lithium

Tanaka Chemical Corporation

Kelong New Energy

ECOPRO

Ronbay Technology

Sumitomo Metal Mining

ZEC

Guangdong Fangyuan

Hunan Changyuan Lico

Zhuji Power

Market segment by region, regional analysis covers

North America (United States, Canada, and Mexico)

Europe (Germany, France, United Kingdom, Russia, Italy, and Rest of Europe)

Asia-Pacific (China, Japan, Korea, India, Southeast Asia, and Australia)

South America (Brazil, Argentina, Colombia, and Rest of South America)

Middle East & Africa (Saudi Arabia, UAE, Egypt, South Africa, and Rest of Middle East & Africa)

The content of the study subjects, includes a total of 15 chapters:

Chapter 1, to describe 5 Series Ternary Precursor product scope, market overview, market estimation caveats and base year.

Chapter 2, to profile the top manufacturers of 5 Series Ternary Precursor, with price, sales quantity, revenue, and global market share of 5 Series Ternary Precursor from

2020 to 2025.

Chapter 3, the 5 Series Ternary Precursor competitive situation, sales quantity, revenue, and global market share of top manufacturers are analyzed emphatically by landscape contrast.

Chapter 4, the 5 Series Ternary Precursor breakdown data are shown at the regional level, to show the sales quantity, consumption value, and growth by regions, from 2020 to 2031.

Chapter 5 and 6, to segment the sales by Type and by Application, with sales market share and growth rate by Type, by Application, from 2020 to 2031.

Chapter 7, 8, 9, 10 and 11, to break the sales data at the country level, with sales quantity, consumption value, and market share for key countries in the world, from 2020 to 2025. and 5 Series Ternary Precursor market forecast, by regions, by Type, and by Application, with sales and revenue, from 2026 to 2031.

Chapter 12, market dynamics, drivers, restraints, trends, and Porters Five Forces analysis.

Chapter 13, the key raw materials and key suppliers, and industry chain of 5 Series Ternary Precursor.

Chapter 14 and 15, to describe 5 Series Ternary Precursor sales channel, distributors, customers, research findings and conclusion.

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