

Global Lithium Battery NMP Recovery and Purification Market Research Report 2025(Status and Outlook)

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Abstracts

Report Overview

Lithium Battery NMP Recovery and Purification involves the process of recovering and purifying N-Methyl-2-pyrrolidone (NMP) solvent from lithium-ion battery manufacturing processes. NMP is a key solvent used in electrode preparation and plays a crucial role in the production of lithium-ion batteries. The recovery and purification of NMP is essential for reducing costs, minimizing waste, and ensuring sustainability in the battery manufacturing industry. By implementing efficient recovery and purification processes, companies can improve their overall operational efficiency and environmental footprint.

The market for Lithium Battery NMP Recovery and Purification is experiencing significant growth due to the increasing demand for lithium-ion batteries in various industries such as automotive, electronics, and energy storage. As the adoption of electric vehicles and renewable energy sources continues to rise, the demand for lithium-ion batteries is expected to surge, driving the need for efficient NMP recovery and purification solutions. Market drivers include stringent environmental regulations, cost-saving initiatives, and the growing focus on sustainable manufacturing practices within the battery industry. Companies are increasingly investing in advanced technologies and processes to enhance the recovery and purification of NMP, thereby fueling market growth.

In addition to the market drivers, emerging trends such as the development of innovative recycling technologies, the adoption of circular economy principles, and the integration of digital solutions are shaping the landscape of the Lithium Battery NMP Recovery and Purification market. Companies are exploring new opportunities to streamline their operations, reduce waste, and improve resource efficiency through

advanced recovery and purification processes. With a strong emphasis on sustainability and environmental stewardship, the market is witnessing a shift towards more eco-friendly practices and solutions in the recovery and purification of NMP from lithium-ion battery manufacturing processes.

The global Lithium Battery NMP Recovery and Purification market size was estimated at USD 2890.06 million in 2024 and is projected to reach USD 5801.03 million by 2033, exhibiting a CAGR of 9.10% during the forecast period.

This report provides a deep insight into the global Lithium Battery NMP Recovery and Purification market covering all its essential aspects. This ranges from a macro overview of the market to micro details of the market size, competitive landscape, development trend, niche market, key market drivers and challenges, SWOT analysis, Porter's five forces analysis, value chain analysis, PEST analysis, etc.

The analysis helps the reader to shape the competition within the industries and strategies for the competitive environment to enhance the potential profit. Furthermore, it provides a simple framework for evaluating and accessing the position of the business organization. The report structure also focuses on the competitive landscape of the Global Lithium Battery NMP Recovery and Purification Market, this report introduces in detail the market share, market performance, product situation, operation situation, etc. of the main players, which helps the readers in the industry to identify the main competitors and deeply understand the competition pattern of the market.

In a word, this report is a must-read for industry players, investors, researchers, consultants, business strategists, and all those who have any kind of stake or are planning to foray into the Lithium Battery NMP Recovery and Purification market in any manner.

Global Lithium Battery NMP Recovery and Purification Market: Market Segmentation Analysis

The research report includes specific segments by region (country), manufacturers, Type, and Application. Market segmentation creates subsets of a market based on product type, end-user or application, Geographic, and other factors. By understanding the market segments, the decision-maker can leverage this targeting in the product, sales, and marketing strategies. Market segments can power your product development cycles by informing how you create product offerings for different segments.

Key Company

Anhui Shengjie New Energy Technology Co.

Ltd.

Shandong Changxin Chemical Science-Tech Co.,Ltd.

Refine Holdings Co.

Ltd.

Enchem Co.

Ltd.

Hubei Jinquan New Material Co.

Ltd.

Zhenjiang Xinna Environmental Protection Materials Co.

Ltd.

Kenli Gengxin Chemical Co.

Ltd.

BYN Chemical Co.

Ltd.

Jiangsu Tata Resources Recycling Co.

Ltd.

Binzhou City Zhanhua District Ruian Chemical Co.

Ltd.

Republic Services

Inc.

Puyang Guangming Chemicals Co.

Ltd.

Veolia Environnement S.A.

Myj Chemical Co.

Ltd.

Clean Harbors

Inc.

Ganzhou Zhongneng Industrial Co.

Ltd.

Dongwha Electrolyte Co.,Ltd.

Market Segmentation (by Type)

Electronic Grade (Purity ? 99.9%)

Industrial Grade (Purity

Market Segmentation (by Application)

Lithium Battery

Chemical Industry

Others

Geographic Segmentation

North America (USA, Canada, Mexico)

Europe (Germany, UK, France, Russia, Italy, Rest of Europe)

Asia-Pacific (China, Japan, South Korea, India, Southeast Asia, Rest of Asia-Pacific)

South America (Brazil, Argentina, Columbia, Rest of South America)

The Middle East and Africa (Saudi Arabia, UAE, Egypt, Nigeria, South Africa, Rest of MEA)

Key Benefits of This Market Research:

Industry drivers, restraints, and opportunities covered in the study

Neutral perspective on the market performance

Recent industry trends and developments

Competitive landscape & strategies of key players

Potential & niche segments and regions exhibiting promising growth covered

Historical, current, and projected market size, in terms of value

In-depth analysis of the Lithium Battery NMP Recovery and Purification Market

Overview of the regional outlook of the Lithium Battery NMP Recovery and Purification Market:

Key Reasons to Buy this Report:

Access to date statistics compiled by our researchers. These provide you with historical and forecast data, which is analyzed to tell you why your market is set to change

This enables you to anticipate market changes to remain ahead of your competitors

You will be able to copy data from the Excel spreadsheet straight into your marketing plans, business presentations, or other strategic documents

The concise analysis, clear graph, and table format will enable you to pinpoint the information you require quickly

Provision of market value data for each segment and sub-segment

Indicates the region and segment that is expected to witness the fastest growth as well as to dominate the market

Analysis by geography highlighting the consumption of the product/service in the region as well as indicating the factors that are affecting the market within each region

Competitive landscape which incorporates the market ranking of the major players, along with new service/product launches, partnerships, business expansions, and acquisitions in the past five years of companies profiled

Extensive company profiles comprising of company overview, company insights, product benchmarking, and SWOT analysis for the major market players

The current as well as the future market outlook of the industry concerning recent developments which involve growth opportunities and drivers as well as challenges and restraints of both emerging as well as developed regions

Includes in-depth analysis of the market from various perspectives through Porter's five forces analysis

Provides insight into the market through Value Chain

Market dynamics scenario, along with growth opportunities of the market in the years to come

6-month post-sales analyst support

Customization of the Report

In case of any queries or customization requirements, please connect with our sales team, who will ensure that your requirements are met.

Chapter Outline

Chapter 1 mainly introduces the statistical scope of the report, market division standards, and market research methods.

Chapter 2 is an executive summary of different market segments (by region, product type, application, etc), including the market size of each market segment, future development potential, and so on. It offers a high-level view of the current state of the Lithium Battery NMP Recovery and Purification Market and its likely evolution in the short to mid-term, and long term.

Chapter 3 makes a detailed analysis of the market's competitive landscape of the market and provides the market share, capacity, output, price, latest development plan, merger, and acquisition information of the main manufacturers in the market.

Chapter 4 is the analysis of the whole market industrial chain, including the upstream and downstream of the industry, as well as Porter's five forces analysis.

Chapter 5 introduces the latest developments of the market, the driving factors and restrictive factors of the market, the challenges and risks faced by manufacturers in the industry, and the analysis of relevant policies in the industry.

Chapter 6 provides the analysis of various market segments according to product types, covering the market size and development potential of each market segment, to help readers find the blue ocean market in different market segments.

Chapter 7 provides the analysis of various market segments according to application, covering the market size and development potential of each market segment, to help readers find the blue ocean market in different downstream markets.

Chapter 8 provides a quantitative analysis of the market size and development potential of each region from the consumer side and its main countries and introduces the market development, future development prospects, market space, and capacity of each country in the world.

Chapter 9 shares the main producing countries of Lithium Battery NMP Recovery and Purification, their output value, profit level, regional supply, production capacity layout, etc. from the supply side.

Chapter 10 introduces the basic situation of the main companies in the market in detail, including product sales revenue, sales volume, price, gross profit margin, market share, product introduction, recent development, etc.

Chapter 11 provides a quantitative analysis of the market size and development potential of each region during the forecast period.

Chapter 12 provides a quantitative analysis of the market size and development potential of each market segment during the forecast period.

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Figure 111. Global Lithium Battery NMP Recovery and Purification Sales Forecast by Application (2026-2033)

Figure 112. Global Lithium Battery NMP Recovery and Purification Market Share Forecast by Application (2026-2033)

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