

Global Power Battery Precursor and Cathode Market Insights, Forecast to 2029

<https://marketpublishers.com/r/GDD99E894C72EN.html>

Date: December 2023

Pages: 126

Price: US\$ 4,900.00 (Single User License)

ID: GDD99E894C72EN

Abstracts

This report presents an overview of global market for Power Battery Precursor and Cathode, capacity, output, revenue and price. Analyses of the global market trends, with historic market revenue/sales data for 2018 - 2022, estimates for 2023, and projections of CAGR through 2029.

This report researches the key producers of Power Battery Precursor and Cathode, also provides the consumption of main regions and countries. Highlights of the upcoming market potential for Power Battery Precursor and Cathode, and key regions/countries of focus to forecast this market into various segments and sub-segments. Country specific data and market value analysis for the U.S., Canada, Mexico, Brazil, China, Japan, South Korea, Southeast Asia, India, Germany, the U.K., Italy, Middle East, Africa, and Other Countries.

This report focuses on the Power Battery Precursor and Cathode sales, revenue, market share and industry ranking of main manufacturers, data from 2018 to 2023. Identification of the major stakeholders in the global Power Battery Precursor and Cathode market, and analysis of their competitive landscape and market positioning based on recent developments and segmental revenues. This report will help stakeholders to understand the competitive landscape and gain more insights and position their businesses and market strategies in a better way.

This report analyzes the segments data by Type and by Application, sales, revenue, and price, from 2018 to 2029. Evaluation and forecast the market size for Power Battery Precursor and Cathode sales, projected growth trends, production technology, application and end-user industry.

Descriptive company profiles of the major global players, including LG, Posco Chemical, BASF, Toda Kogyo, Tanaka Chemical, GEM, Shanshan Energy, Ningbo Ronbay New Energy and Hunan Changyuan Lico, etc.

By Company

LG

Posco Chemical

BASF

Toda Kogyo

Tanaka Chemical

GEM

Shanshan Energy

Ningbo Ronbay New Energy

Hunan Changyuan Lico

Umicore

CNGR Corporation

GanfengLithium

Zhejiang Huayou Cobalt

Putailai New Energy Technology

BTR New Energy

Hitachi Chem

Shanshan Tech

JFE

Mitsubishi Chem

Nippon Carbon

Zichen Tech

L&F

Ecopro

Cosmo Advanced Materials

Nichia

B&M

Segment by Type

NCA

NMC

Natural Graphite

Synthetic Graphite

Others

Segment by Application

Ternary Lithium Ion Battery

NiMH Batteries

Lithium Cobalt Acid Battery

Manganese Lithium Ion Battery

Lithium Iron Phosphate Battery

Production by Region

North America

Europe

China

Japan

Sales by Region

US & Canada

U.S.

Canada

China

Asia (excluding China)

Japan

South Korea

China Taiwan

Southeast Asia

India

Europe

Germany

France

U.K.

Italy

Russia

Middle East, Africa, Latin America

Brazil

Mexico

Turkey

Israel

GCC Countries

Chapter Outline

Chapter 1: Introduces the report scope of the report, executive summary of different market segments (by Type and by 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 market and its likely evolution in the short to mid-term, and long term.

Chapter 2: Power Battery Precursor and Cathode production/output of global and key producers (regions/countries). It provides a quantitative analysis of the production and development potential of each producer in the next six years.

Chapter 3: Sales (consumption), revenue of Power Battery Precursor and Cathode in

global, regional level and country level. It provides a quantitative analysis of the market size and development potential of each region and its main countries and introduces the market development, future development prospects, market space, and capacity of each country in the world.

Chapter 4: Detailed analysis of Power Battery Precursor and Cathode manufacturers competitive landscape, price, sales, revenue, market share and industry ranking, latest development plan, merger, and acquisition information, etc.

Chapter 5: Provides the analysis of various market segments by type, covering the sales, revenue, average price, and development potential of each market segment, to help readers find the blue ocean market in different market segments.

Chapter 6: Provides the analysis of various market segments by application, covering the sales, revenue, average price, and development potential of each market segment, to help readers find the blue ocean market in different downstream markets.

Chapter 7: North America (US & Canada) by type, by application and by country, sales and revenue for each segment.

Chapter 8: Europe by type, by application and by country, sales and revenue for each segment.

Chapter 9: China by type and by application sales and revenue for each segment.

Chapter 10: Asia (excluding China) by type, by application and by region, sales and revenue for each segment.

Chapter 11: Middle East, Africa, Latin America by type, by application and by country, sales and revenue for each segment.

Chapter 12: Provides profiles of key manufacturers, introducing the basic situation of the main companies in the market in detail, including product descriptions and specifications, Power Battery Precursor and Cathode sales, revenue, price, gross margin, and recent development, etc.

Chapter 13: Analysis of industrial chain, sales channel, key raw materials, distributors and customers.

Chapter 14: Introduces the market dynamics, 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 15: The main points and conclusions of the report.

Contents

1 STUDY COVERAGE

- 1.1 Power Battery Precursor and Cathode Product Introduction
- 1.2 Market by Type
 - 1.2.1 Global Power Battery Precursor and Cathode Market Size by Type, 2018 VS 2022 VS 2029
 - 1.2.2 NCA
 - 1.2.3 NMC
 - 1.2.4 Natural Graphite
 - 1.2.5 Synthetic Graphite
 - 1.2.6 Others
- 1.3 Market by Application
 - 1.3.1 Global Power Battery Precursor and Cathode Market Size by Application, 2018 VS 2022 VS 2029
 - 1.3.2 Ternary Lithium Ion Battery
 - 1.3.3 NiMH Batteries
 - 1.3.4 Lithium Cobalt Acid Battery
 - 1.3.5 Manganese Lithium Ion Battery
 - 1.3.6 Lithium Iron Phosphate Battery
- 1.4 Assumptions and Limitations
- 1.5 Study Objectives
- 1.6 Years Considered

2 GLOBAL POWER BATTERY PRECURSOR AND CATHODE PRODUCTION

- 2.1 Global Power Battery Precursor and Cathode Production Capacity (2018-2029)
- 2.2 Global Power Battery Precursor and Cathode Production by Region: 2018 VS 2022 VS 2029
- 2.3 Global Power Battery Precursor and Cathode Production by Region
 - 2.3.1 Global Power Battery Precursor and Cathode Historic Production by Region (2018-2023)
 - 2.3.2 Global Power Battery Precursor and Cathode Forecasted Production by Region (2024-2029)
 - 2.3.3 Global Power Battery Precursor and Cathode Production Market Share by Region (2018-2029)
- 2.4 North America
- 2.5 Europe

2.6 China

2.7 Japan

3 EXECUTIVE SUMMARY

3.1 Global Power Battery Precursor and Cathode Revenue Estimates and Forecasts 2018-2029

3.2 Global Power Battery Precursor and Cathode Revenue by Region

3.2.1 Global Power Battery Precursor and Cathode Revenue by Region: 2018 VS 2022 VS 2029

3.2.2 Global Power Battery Precursor and Cathode Revenue by Region (2018-2023)

3.2.3 Global Power Battery Precursor and Cathode Revenue by Region (2024-2029)

3.2.4 Global Power Battery Precursor and Cathode Revenue Market Share by Region (2018-2029)

3.3 Global Power Battery Precursor and Cathode Sales Estimates and Forecasts 2018-2029

3.4 Global Power Battery Precursor and Cathode Sales by Region

3.4.1 Global Power Battery Precursor and Cathode Sales by Region: 2018 VS 2022 VS 2029

3.4.2 Global Power Battery Precursor and Cathode Sales by Region (2018-2023)

3.4.3 Global Power Battery Precursor and Cathode Sales by Region (2024-2029)

3.4.4 Global Power Battery Precursor and Cathode Sales Market Share by Region (2018-2029)

3.5 US & Canada

3.6 Europe

3.7 China

3.8 Asia (excluding China)

3.9 Middle East, Africa and Latin America

4 COMPETITION BY MANUFACTURES

4.1 Global Power Battery Precursor and Cathode Sales by Manufacturers

4.1.1 Global Power Battery Precursor and Cathode Sales by Manufacturers (2018-2023)

4.1.2 Global Power Battery Precursor and Cathode Sales Market Share by Manufacturers (2018-2023)

4.1.3 Global Top 10 and Top 5 Largest Manufacturers of Power Battery Precursor and Cathode in 2022

4.2 Global Power Battery Precursor and Cathode Revenue by Manufacturers

4.2.1 Global Power Battery Precursor and Cathode Revenue by Manufacturers (2018-2023)

4.2.2 Global Power Battery Precursor and Cathode Revenue Market Share by Manufacturers (2018-2023)

4.2.3 Global Top 10 and Top 5 Companies by Power Battery Precursor and Cathode Revenue in 2022

4.3 Global Power Battery Precursor and Cathode Sales Price by Manufacturers

4.4 Global Key Players of Power Battery Precursor and Cathode, Industry Ranking, 2021 VS 2022 VS 2023

4.5 Analysis of Competitive Landscape

4.5.1 Manufacturers Market Concentration Ratio (CR5 and HHI)

4.5.2 Global Power Battery Precursor and Cathode Market Share by Company Type (Tier 1, Tier 2, and Tier 3)

4.6 Global Key Manufacturers of Power Battery Precursor and Cathode, Manufacturing Base Distribution and Headquarters

4.7 Global Key Manufacturers of Power Battery Precursor and Cathode, Product Offered and Application

4.8 Global Key Manufacturers of Power Battery Precursor and Cathode, Date of Enter into This Industry

4.9 Mergers & Acquisitions, Expansion Plans

5 MARKET SIZE BY TYPE

5.1 Global Power Battery Precursor and Cathode Sales by Type

5.1.1 Global Power Battery Precursor and Cathode Historical Sales by Type (2018-2023)

5.1.2 Global Power Battery Precursor and Cathode Forecasted Sales by Type (2024-2029)

5.1.3 Global Power Battery Precursor and Cathode Sales Market Share by Type (2018-2029)

5.2 Global Power Battery Precursor and Cathode Revenue by Type

5.2.1 Global Power Battery Precursor and Cathode Historical Revenue by Type (2018-2023)

5.2.2 Global Power Battery Precursor and Cathode Forecasted Revenue by Type (2024-2029)

5.2.3 Global Power Battery Precursor and Cathode Revenue Market Share by Type (2018-2029)

5.3 Global Power Battery Precursor and Cathode Price by Type

5.3.1 Global Power Battery Precursor and Cathode Price by Type (2018-2023)

5.3.2 Global Power Battery Precursor and Cathode Price Forecast by Type
(2024-2029)

6 MARKET SIZE BY APPLICATION

6.1 Global Power Battery Precursor and Cathode Sales by Application

6.1.1 Global Power Battery Precursor and Cathode Historical Sales by Application
(2018-2023)

6.1.2 Global Power Battery Precursor and Cathode Forecasted Sales by Application
(2024-2029)

6.1.3 Global Power Battery Precursor and Cathode Sales Market Share by Application
(2018-2029)

6.2 Global Power Battery Precursor and Cathode Revenue by Application

6.2.1 Global Power Battery Precursor and Cathode Historical Revenue by Application
(2018-2023)

6.2.2 Global Power Battery Precursor and Cathode Forecasted Revenue by
Application (2024-2029)

6.2.3 Global Power Battery Precursor and Cathode Revenue Market Share by
Application (2018-2029)

6.3 Global Power Battery Precursor and Cathode Price by Application

6.3.1 Global Power Battery Precursor and Cathode Price by Application (2018-2023)

6.3.2 Global Power Battery Precursor and Cathode Price Forecast by Application
(2024-2029)

7 US & CANADA

7.1 US & Canada Power Battery Precursor and Cathode Market Size by Type

7.1.1 US & Canada Power Battery Precursor and Cathode Sales by Type (2018-2029)

7.1.2 US & Canada Power Battery Precursor and Cathode Revenue by Type
(2018-2029)

7.2 US & Canada Power Battery Precursor and Cathode Market Size by Application

7.2.1 US & Canada Power Battery Precursor and Cathode Sales by Application
(2018-2029)

7.2.2 US & Canada Power Battery Precursor and Cathode Revenue by Application
(2018-2029)

7.3 US & Canada Power Battery Precursor and Cathode Sales by Country

7.3.1 US & Canada Power Battery Precursor and Cathode Revenue by Country: 2018
VS 2022 VS 2029

7.3.2 US & Canada Power Battery Precursor and Cathode Sales by Country

(2018-2029)

7.3.3 US & Canada Power Battery Precursor and Cathode Revenue by Country

(2018-2029)

7.3.4 United States

7.3.5 Canada

8 EUROPE

8.1 Europe Power Battery Precursor and Cathode Market Size by Type

8.1.1 Europe Power Battery Precursor and Cathode Sales by Type (2018-2029)

8.1.2 Europe Power Battery Precursor and Cathode Revenue by Type (2018-2029)

8.2 Europe Power Battery Precursor and Cathode Market Size by Application

8.2.1 Europe Power Battery Precursor and Cathode Sales by Application (2018-2029)

8.2.2 Europe Power Battery Precursor and Cathode Revenue by Application

(2018-2029)

8.3 Europe Power Battery Precursor and Cathode Sales by Country

8.3.1 Europe Power Battery Precursor and Cathode Revenue by Country: 2018 VS
2022 VS 2029

8.3.2 Europe Power Battery Precursor and Cathode Sales by Country (2018-2029)

8.3.3 Europe Power Battery Precursor and Cathode Revenue by Country (2018-2029)

8.3.4 Germany

8.3.5 France

8.3.6 U.K.

8.3.7 Italy

8.3.8 Russia

9 CHINA

9.1 China Power Battery Precursor and Cathode Market Size by Type

9.1.1 China Power Battery Precursor and Cathode Sales by Type (2018-2029)

9.1.2 China Power Battery Precursor and Cathode Revenue by Type (2018-2029)

9.2 China Power Battery Precursor and Cathode Market Size by Application

9.2.1 China Power Battery Precursor and Cathode Sales by Application (2018-2029)

9.2.2 China Power Battery Precursor and Cathode Revenue by Application
(2018-2029)

10 ASIA (EXCLUDING CHINA)

10.1 Asia Power Battery Precursor and Cathode Market Size by Type

- 10.1.1 Asia Power Battery Precursor and Cathode Sales by Type (2018-2029)
- 10.1.2 Asia Power Battery Precursor and Cathode Revenue by Type (2018-2029)
- 10.2 Asia Power Battery Precursor and Cathode Market Size by Application
 - 10.2.1 Asia Power Battery Precursor and Cathode Sales by Application (2018-2029)
 - 10.2.2 Asia Power Battery Precursor and Cathode Revenue by Application (2018-2029)
- 10.3 Asia Power Battery Precursor and Cathode Sales by Region
 - 10.3.1 Asia Power Battery Precursor and Cathode Revenue by Region: 2018 VS 2022 VS 2029
 - 10.3.2 Asia Power Battery Precursor and Cathode Revenue by Region (2018-2029)
 - 10.3.3 Asia Power Battery Precursor and Cathode Sales by Region (2018-2029)
 - 10.3.4 Japan
 - 10.3.5 South Korea
 - 10.3.6 China Taiwan
 - 10.3.7 Southeast Asia
 - 10.3.8 India

11 MIDDLE EAST, AFRICA AND LATIN AMERICA

- 11.1 Middle East, Africa and Latin America Power Battery Precursor and Cathode Market Size by Type
 - 11.1.1 Middle East, Africa and Latin America Power Battery Precursor and Cathode Sales by Type (2018-2029)
 - 11.1.2 Middle East, Africa and Latin America Power Battery Precursor and Cathode Revenue by Type (2018-2029)
- 11.2 Middle East, Africa and Latin America Power Battery Precursor and Cathode Market Size by Application
 - 11.2.1 Middle East, Africa and Latin America Power Battery Precursor and Cathode Sales by Application (2018-2029)
 - 11.2.2 Middle East, Africa and Latin America Power Battery Precursor and Cathode Revenue by Application (2018-2029)
- 11.3 Middle East, Africa and Latin America Power Battery Precursor and Cathode Sales by Country
 - 11.3.1 Middle East, Africa and Latin America Power Battery Precursor and Cathode Revenue by Country: 2018 VS 2022 VS 2029
 - 11.3.2 Middle East, Africa and Latin America Power Battery Precursor and Cathode Revenue by Country (2018-2029)
 - 11.3.3 Middle East, Africa and Latin America Power Battery Precursor and Cathode Sales by Country (2018-2029)

- 11.3.4 Brazil
- 11.3.5 Mexico
- 11.3.6 Turkey
- 11.3.7 Israel
- 11.3.8 GCC Countries

12 CORPORATE PROFILES

12.1 LG

- 12.1.1 LG Company Information
- 12.1.2 LG Overview
- 12.1.3 LG Power Battery Precursor and Cathode Capacity, Sales, Price, Revenue and Gross Margin (2018-2023)
- 12.1.4 LG Power Battery Precursor and Cathode Product Model Numbers, Pictures, Descriptions and Specifications
- 12.1.5 LG Recent Developments

12.2 Posco Chemical

- 12.2.1 Posco Chemical Company Information
- 12.2.2 Posco Chemical Overview
- 12.2.3 Posco Chemical Power Battery Precursor and Cathode Capacity, Sales, Price, Revenue and Gross Margin (2018-2023)
- 12.2.4 Posco Chemical Power Battery Precursor and Cathode Product Model Numbers, Pictures, Descriptions and Specifications
- 12.2.5 Posco Chemical Recent Developments

12.3 BASF

- 12.3.1 BASF Company Information
- 12.3.2 BASF Overview
- 12.3.3 BASF Power Battery Precursor and Cathode Capacity, Sales, Price, Revenue and Gross Margin (2018-2023)
- 12.3.4 BASF Power Battery Precursor and Cathode Product Model Numbers, Pictures, Descriptions and Specifications
- 12.3.5 BASF Recent Developments

12.4 Toda Kogyo

- 12.4.1 Toda Kogyo Company Information
- 12.4.2 Toda Kogyo Overview
- 12.4.3 Toda Kogyo Power Battery Precursor and Cathode Capacity, Sales, Price, Revenue and Gross Margin (2018-2023)
- 12.4.4 Toda Kogyo Power Battery Precursor and Cathode Product Model Numbers, Pictures, Descriptions and Specifications

- 12.4.5 Toda Kogyo Recent Developments
- 12.5 Tanaka Chemical
 - 12.5.1 Tanaka Chemical Company Information
 - 12.5.2 Tanaka Chemical Overview
 - 12.5.3 Tanaka Chemical Power Battery Precursor and Cathode Capacity, Sales, Price, Revenue and Gross Margin (2018-2023)
 - 12.5.4 Tanaka Chemical Power Battery Precursor and Cathode Product Model Numbers, Pictures, Descriptions and Specifications
 - 12.5.5 Tanaka Chemical Recent Developments
- 12.6 GEM
 - 12.6.1 GEM Company Information
 - 12.6.2 GEM Overview
 - 12.6.3 GEM Power Battery Precursor and Cathode Capacity, Sales, Price, Revenue and Gross Margin (2018-2023)
 - 12.6.4 GEM Power Battery Precursor and Cathode Product Model Numbers, Pictures, Descriptions and Specifications
 - 12.6.5 GEM Recent Developments
- 12.7 Shanshan Energy
 - 12.7.1 Shanshan Energy Company Information
 - 12.7.2 Shanshan Energy Overview
 - 12.7.3 Shanshan Energy Power Battery Precursor and Cathode Capacity, Sales, Price, Revenue and Gross Margin (2018-2023)
 - 12.7.4 Shanshan Energy Power Battery Precursor and Cathode Product Model Numbers, Pictures, Descriptions and Specifications
 - 12.7.5 Shanshan Energy Recent Developments
- 12.8 Ningbo Ronbay New Energy
 - 12.8.1 Ningbo Ronbay New Energy Company Information
 - 12.8.2 Ningbo Ronbay New Energy Overview
 - 12.8.3 Ningbo Ronbay New Energy Power Battery Precursor and Cathode Capacity, Sales, Price, Revenue and Gross Margin (2018-2023)
 - 12.8.4 Ningbo Ronbay New Energy Power Battery Precursor and Cathode Product Model Numbers, Pictures, Descriptions and Specifications
 - 12.8.5 Ningbo Ronbay New Energy Recent Developments
- 12.9 Hunan Changyuan Lico
 - 12.9.1 Hunan Changyuan Lico Company Information
 - 12.9.2 Hunan Changyuan Lico Overview
 - 12.9.3 Hunan Changyuan Lico Power Battery Precursor and Cathode Capacity, Sales, Price, Revenue and Gross Margin (2018-2023)
 - 12.9.4 Hunan Changyuan Lico Power Battery Precursor and Cathode Product Model

Numbers, Pictures, Descriptions and Specifications

12.9.5 Hunan Changyuan Lico Recent Developments

12.10 Umicore

12.10.1 Umicore Company Information

12.10.2 Umicore Overview

12.10.3 Umicore Power Battery Precursor and Cathode Capacity, Sales, Price, Revenue and Gross Margin (2018-2023)

12.10.4 Umicore Power Battery Precursor and Cathode Product Model Numbers, Pictures, Descriptions and Specifications

12.10.5 Umicore Recent Developments

12.11 CNGR Corporation

12.11.1 CNGR Corporation Company Information

12.11.2 CNGR Corporation Overview

12.11.3 CNGR Corporation Power Battery Precursor and Cathode Capacity, Sales, Price, Revenue and Gross Margin (2018-2023)

12.11.4 CNGR Corporation Power Battery Precursor and Cathode Product Model Numbers, Pictures, Descriptions and Specifications

12.11.5 CNGR Corporation Recent Developments

12.12 GanfengLithium

12.12.1 GanfengLithium Company Information

12.12.2 GanfengLithium Overview

12.12.3 GanfengLithium Power Battery Precursor and Cathode Capacity, Sales, Price, Revenue and Gross Margin (2018-2023)

12.12.4 GanfengLithium Power Battery Precursor and Cathode Product Model Numbers, Pictures, Descriptions and Specifications

12.12.5 GanfengLithium Recent Developments

12.13 Zhejiang Huayou Cobalt

12.13.1 Zhejiang Huayou Cobalt Company Information

12.13.2 Zhejiang Huayou Cobalt Overview

12.13.3 Zhejiang Huayou Cobalt Power Battery Precursor and Cathode Capacity, Sales, Price, Revenue and Gross Margin (2018-2023)

12.13.4 Zhejiang Huayou Cobalt Power Battery Precursor and Cathode Product Model Numbers, Pictures, Descriptions and Specifications

12.13.5 Zhejiang Huayou Cobalt Recent Developments

12.14 Putailai New Energy Technology

12.14.1 Putailai New Energy Technology Company Information

12.14.2 Putailai New Energy Technology Overview

12.14.3 Putailai New Energy Technology Power Battery Precursor and Cathode Capacity, Sales, Price, Revenue and Gross Margin (2018-2023)

12.14.4 Putailai New Energy Technology Power Battery Precursor and Cathode Product Model Numbers, Pictures, Descriptions and Specifications

12.14.5 Putailai New Energy Technology Recent Developments

12.15 BTR New Energy

12.15.1 BTR New Energy Company Information

12.15.2 BTR New Energy Overview

12.15.3 BTR New Energy Power Battery Precursor and Cathode Capacity, Sales, Price, Revenue and Gross Margin (2018-2023)

12.15.4 BTR New Energy Power Battery Precursor and Cathode Product Model Numbers, Pictures, Descriptions and Specifications

12.15.5 BTR New Energy Recent Developments

12.16 Hitachi Chem

12.16.1 Hitachi Chem Company Information

12.16.2 Hitachi Chem Overview

12.16.3 Hitachi Chem Power Battery Precursor and Cathode Capacity, Sales, Price, Revenue and Gross Margin (2018-2023)

12.16.4 Hitachi Chem Power Battery Precursor and Cathode Product Model Numbers, Pictures, Descriptions and Specifications

12.16.5 Hitachi Chem Recent Developments

12.17 Shanshan Tech

12.17.1 Shanshan Tech Company Information

12.17.2 Shanshan Tech Overview

12.17.3 Shanshan Tech Power Battery Precursor and Cathode Capacity, Sales, Price, Revenue and Gross Margin (2018-2023)

12.17.4 Shanshan Tech Power Battery Precursor and Cathode Product Model Numbers, Pictures, Descriptions and Specifications

12.17.5 Shanshan Tech Recent Developments

12.18 JFE

12.18.1 JFE Company Information

12.18.2 JFE Overview

12.18.3 JFE Power Battery Precursor and Cathode Capacity, Sales, Price, Revenue and Gross Margin (2018-2023)

12.18.4 JFE Power Battery Precursor and Cathode Product Model Numbers, Pictures, Descriptions and Specifications

12.18.5 JFE Recent Developments

12.19 Mitsubishi Chem

12.19.1 Mitsubishi Chem Company Information

12.19.2 Mitsubishi Chem Overview

12.19.3 Mitsubishi Chem Power Battery Precursor and Cathode Capacity, Sales,

Price, Revenue and Gross Margin (2018-2023)

12.19.4 Mitsubishi Chem Power Battery Precursor and Cathode Product Model Numbers, Pictures, Descriptions and Specifications

12.19.5 Mitsubishi Chem Recent Developments

12.20 Nippon Carbon

12.20.1 Nippon Carbon Company Information

12.20.2 Nippon Carbon Overview

12.20.3 Nippon Carbon Power Battery Precursor and Cathode Capacity, Sales, Price, Revenue and Gross Margin (2018-2023)

12.20.4 Nippon Carbon Power Battery Precursor and Cathode Product Model Numbers, Pictures, Descriptions and Specifications

12.20.5 Nippon Carbon Recent Developments

12.21 Zichen Tech

12.21.1 Zichen Tech Company Information

12.21.2 Zichen Tech Overview

12.21.3 Zichen Tech Power Battery Precursor and Cathode Capacity, Sales, Price, Revenue and Gross Margin (2018-2023)

12.21.4 Zichen Tech Power Battery Precursor and Cathode Product Model Numbers, Pictures, Descriptions and Specifications

12.21.5 Zichen Tech Recent Developments

12.22 L&F

12.22.1 L&F Company Information

12.22.2 L&F Overview

12.22.3 L&F Power Battery Precursor and Cathode Capacity, Sales, Price, Revenue and Gross Margin (2018-2023)

12.22.4 L&F Power Battery Precursor and Cathode Product Model Numbers, Pictures, Descriptions and Specifications

12.22.5 L&F Recent Developments

12.23 Ecopro

12.23.1 Ecopro Company Information

12.23.2 Ecopro Overview

12.23.3 Ecopro Power Battery Precursor and Cathode Capacity, Sales, Price, Revenue and Gross Margin (2018-2023)

12.23.4 Ecopro Power Battery Precursor and Cathode Product Model Numbers, Pictures, Descriptions and Specifications

12.23.5 Ecopro Recent Developments

12.24 Cosmo Advanced Materials

12.24.1 Cosmo Advanced Materials Company Information

12.24.2 Cosmo Advanced Materials Overview

12.24.3 Cosmo Advanced Materials Power Battery Precursor and Cathode Capacity, Sales, Price, Revenue and Gross Margin (2018-2023)

12.24.4 Cosmo Advanced Materials Power Battery Precursor and Cathode Product Model Numbers, Pictures, Descriptions and Specifications

12.24.5 Cosmo Advanced Materials Recent Developments

12.25 Nichia

12.25.1 Nichia Company Information

12.25.2 Nichia Overview

12.25.3 Nichia Power Battery Precursor and Cathode Capacity, Sales, Price, Revenue and Gross Margin (2018-2023)

12.25.4 Nichia Power Battery Precursor and Cathode Product Model Numbers, Pictures, Descriptions and Specifications

12.25.5 Nichia Recent Developments

12.26 B&M

12.26.1 B&M Company Information

12.26.2 B&M Overview

12.26.3 B&M Power Battery Precursor and Cathode Capacity, Sales, Price, Revenue and Gross Margin (2018-2023)

12.26.4 B&M Power Battery Precursor and Cathode Product Model Numbers, Pictures, Descriptions and Specifications

12.26.5 B&M Recent Developments

13 INDUSTRY CHAIN AND SALES CHANNELS ANALYSIS

13.1 Power Battery Precursor and Cathode Industry Chain Analysis

13.2 Power Battery Precursor and Cathode Key Raw Materials

13.2.1 Key Raw Materials

13.2.2 Raw Materials Key Suppliers

13.3 Power Battery Precursor and Cathode Production Mode & Process

13.4 Power Battery Precursor and Cathode Sales and Marketing

13.4.1 Power Battery Precursor and Cathode Sales Channels

13.4.2 Power Battery Precursor and Cathode Distributors

13.5 Power Battery Precursor and Cathode Customers

14 POWER BATTERY PRECURSOR AND CATHODE MARKET DYNAMICS

14.1 Power Battery Precursor and Cathode Industry Trends

14.2 Power Battery Precursor and Cathode Market Drivers

14.3 Power Battery Precursor and Cathode Market Challenges

14.4 Power Battery Precursor and Cathode Market Restraints

15 KEY FINDING IN THE GLOBAL POWER BATTERY PRECURSOR AND CATHODE STUDY

16 APPENDIX

16.1 Research Methodology

16.1.1 Methodology/Research Approach

16.1.2 Data Source

16.2 Author Details

16.3 Disclaimer

List Of Tables

LIST OF TABLES

Table 1. Global Power Battery Precursor and Cathode Market Size Growth Rate by Type, 2018 VS 2022 VS 2029 (US\$ Million)

Table 2. Major Manufacturers of NCA

Table 3. Major Manufacturers of NMC

Table 4. Major Manufacturers of Natural Graphite

Table 5. Major Manufacturers of Synthetic Graphite

Table 6. Major Manufacturers of Others

Table 7. Global Power Battery Precursor and Cathode Market Size Growth Rate by Application, 2018 VS 2022 VS 2029 (US\$ Million)

Table 8. Global Power Battery Precursor and Cathode Production by Region: 2018 VS 2022 VS 2029 (MT)

Table 9. Global Power Battery Precursor and Cathode Production by Region (2018-2023) & (MT)

Table 10. Global Power Battery Precursor and Cathode Production by Region (2024-2029) & (MT)

Table 11. Global Power Battery Precursor and Cathode Production Market Share by Region (2018-2023)

Table 12. Global Power Battery Precursor and Cathode Production Market Share by Region (2024-2029)

Table 13. Global Power Battery Precursor and Cathode Revenue Grow Rate (CAGR) by Region: 2018 VS 2022 VS 2029 (US\$ Million)

Table 14. Global Power Battery Precursor and Cathode Revenue by Region (2018-2023) & (US\$ Million)

Table 15. Global Power Battery Precursor and Cathode Revenue by Region (2024-2029) & (US\$ Million)

Table 16. Global Power Battery Precursor and Cathode Revenue Market Share by Region (2018-2023)

Table 17. Global Power Battery Precursor and Cathode Revenue Market Share by Region (2024-2029)

Table 18. Global Power Battery Precursor and Cathode Sales Grow Rate (CAGR) by Region: 2018 VS 2022 VS 2029 (US\$ Million)

Table 19. Global Power Battery Precursor and Cathode Sales by Region (2018-2023) & (MT)

Table 20. Global Power Battery Precursor and Cathode Sales by Region (2024-2029) & (MT)

Table 21. Global Power Battery Precursor and Cathode Sales Market Share by Region (2018-2023)

Table 22. Global Power Battery Precursor and Cathode Sales Market Share by Region (2024-2029)

Table 23. Global Power Battery Precursor and Cathode Sales by Manufacturers (2018-2023) & (MT)

Table 24. Global Power Battery Precursor and Cathode Sales Share by Manufacturers (2018-2023)

Table 25. Global Power Battery Precursor and Cathode Revenue by Manufacturers (2018-2023) & (US\$ Million)

Table 26. Global Power Battery Precursor and Cathode Revenue Share by Manufacturers (2018-2023)

Table 27. Power Battery Precursor and Cathode Price by Manufacturers 2018-2023 (US\$/MT)

Table 28. Global Key Players of Power Battery Precursor and Cathode, Industry Ranking, 2021 VS 2022 VS 2023

Table 29. Global Power Battery Precursor and Cathode Manufacturers Market Concentration Ratio (CR5 and HHI)

Table 30. Global Power Battery Precursor and Cathode by Company Type (Tier 1, Tier 2, and Tier 3) & (based on the Revenue in Power Battery Precursor and Cathode as of 2022)

Table 31. Global Key Manufacturers of Power Battery Precursor and Cathode, Manufacturing Base Distribution and Headquarters

Table 32. Global Key Manufacturers of Power Battery Precursor and Cathode, Product Offered and Application

Table 33. Global Key Manufacturers of Power Battery Precursor and Cathode, Date of Enter into This Industry

Table 34. Mergers & Acquisitions, Expansion Plans

Table 35. Global Power Battery Precursor and Cathode Sales by Type (2018-2023) & (MT)

Table 36. Global Power Battery Precursor and Cathode Sales by Type (2024-2029) & (MT)

Table 37. Global Power Battery Precursor and Cathode Sales Share by Type (2018-2023)

Table 38. Global Power Battery Precursor and Cathode Sales Share by Type (2024-2029)

Table 39. Global Power Battery Precursor and Cathode Revenue by Type (2018-2023) & (US\$ Million)

Table 40. Global Power Battery Precursor and Cathode Revenue by Type (2024-2029)

& (US\$ Million)

Table 41. Global Power Battery Precursor and Cathode Revenue Share by Type (2018-2023)

Table 42. Global Power Battery Precursor and Cathode Revenue Share by Type (2024-2029)

Table 43. Power Battery Precursor and Cathode Price by Type (2018-2023) & (US\$/MT)

Table 44. Global Power Battery Precursor and Cathode Price Forecast by Type (2024-2029) & (US\$/MT)

Table 45. Global Power Battery Precursor and Cathode Sales by Application (2018-2023) & (MT)

Table 46. Global Power Battery Precursor and Cathode Sales by Application (2024-2029) & (MT)

Table 47. Global Power Battery Precursor and Cathode Sales Share by Application (2018-2023)

Table 48. Global Power Battery Precursor and Cathode Sales Share by Application (2024-2029)

Table 49. Global Power Battery Precursor and Cathode Revenue by Application (2018-2023) & (US\$ Million)

Table 50. Global Power Battery Precursor and Cathode Revenue by Application (2024-2029) & (US\$ Million)

Table 51. Global Power Battery Precursor and Cathode Revenue Share by Application (2018-2023)

Table 52. Global Power Battery Precursor and Cathode Revenue Share by Application (2024-2029)

Table 53. Power Battery Precursor and Cathode Price by Application (2018-2023) & (US\$/MT)

Table 54. Global Power Battery Precursor and Cathode Price Forecast by Application (2024-2029) & (US\$/MT)

Table 55. US & Canada Power Battery Precursor and Cathode Sales by Type (2018-2023) & (MT)

Table 56. US & Canada Power Battery Precursor and Cathode Sales by Type (2024-2029) & (MT)

Table 57. US & Canada Power Battery Precursor and Cathode Revenue by Type (2018-2023) & (US\$ Million)

Table 58. US & Canada Power Battery Precursor and Cathode Revenue by Type (2024-2029) & (US\$ Million)

Table 59. US & Canada Power Battery Precursor and Cathode Sales by Application (2018-2023) & (MT)

Table 60. US & Canada Power Battery Precursor and Cathode Sales by Application (2024-2029) & (MT)

Table 61. US & Canada Power Battery Precursor and Cathode Revenue by Application (2018-2023) & (US\$ Million)

Table 62. US & Canada Power Battery Precursor and Cathode Revenue by Application (2024-2029) & (US\$ Million)

Table 63. US & Canada Power Battery Precursor and Cathode Revenue Grow Rate (CAGR) by Country: 2018 VS 2022 VS 2029 (US\$ Million)

Table 64. US & Canada Power Battery Precursor and Cathode Revenue by Country (2018-2023) & (US\$ Million)

Table 65. US & Canada Power Battery Precursor and Cathode Revenue by Country (2024-2029) & (US\$ Million)

Table 66. US & Canada Power Battery Precursor and Cathode Sales by Country (2018-2023) & (MT)

Table 67. US & Canada Power Battery Precursor and Cathode Sales by Country (2024-2029) & (MT)

Table 68. Europe Power Battery Precursor and Cathode Sales by Type (2018-2023) & (MT)

Table 69. Europe Power Battery Precursor and Cathode Sales by Type (2024-2029) & (MT)

Table 70. Europe Power Battery Precursor and Cathode Revenue by Type (2018-2023) & (US\$ Million)

Table 71. Europe Power Battery Precursor and Cathode Revenue by Type (2024-2029) & (US\$ Million)

Table 72. Europe Power Battery Precursor and Cathode Sales by Application (2018-2023) & (MT)

Table 73. Europe Power Battery Precursor and Cathode Sales by Application (2024-2029) & (MT)

Table 74. Europe Power Battery Precursor and Cathode Revenue by Application (2018-2023) & (US\$ Million)

Table 75. Europe Power Battery Precursor and Cathode Revenue by Application (2024-2029) & (US\$ Million)

Table 76. Europe Power Battery Precursor and Cathode Revenue Grow Rate (CAGR) by Country: 2018 VS 2022 VS 2029 (US\$ Million)

Table 77. Europe Power Battery Precursor and Cathode Revenue by Country (2018-2023) & (US\$ Million)

Table 78. Europe Power Battery Precursor and Cathode Revenue by Country (2024-2029) & (US\$ Million)

Table 79. Europe Power Battery Precursor and Cathode Sales by Country (2018-2023)

& (MT)

Table 80. Europe Power Battery Precursor and Cathode Sales by Country (2024-2029)

& (MT)

Table 81. China Power Battery Precursor and Cathode Sales by Type (2018-2023) &

(MT)

Table 82. China Power Battery Precursor and Cathode Sales by Type (2024-2029) &

(MT)

Table 83. China Power Battery Precursor and Cathode Revenue by Type (2018-2023)

& (US\$ Million)

Table 84. China Power Battery Precursor and Cathode Revenue by Type (2024-2029)

& (US\$ Million)

Table 85. China Power Battery Precursor and Cathode Sales by Application

(2018-2023) & (MT)

Table 86. China Power Battery Precursor and Cathode Sales by Application

(2024-2029) & (MT)

Table 87. China Power Battery Precursor and Cathode Revenue by Application

(2018-2023) & (US\$ Million)

Table 88. China Power Battery Precursor and Cathode Revenue by Application

(2024-2029) & (US\$ Million)

Table 89. Asia Power Battery Precursor and Cathode Sales by Type (2018-2023) &

(MT)

Table 90. Asia Power Battery Precursor and Cathode Sales by Type (2024-2029) &

(MT)

Table 91. Asia Power Battery Precursor and Cathode Revenue by Type (2018-2023) &

(US\$ Million)

Table 92. Asia Power Battery Precursor and Cathode Revenue by Type (2024-2029) &

(US\$ Million)

Table 93. Asia Power Battery Precursor and Cathode Sales by Application (2018-2023)

& (MT)

Table 94. Asia Power Battery Precursor and Cathode Sales by Application (2024-2029)

& (MT)

Table 95. Asia Power Battery Precursor and Cathode Revenue by Application

(2018-2023) & (US\$ Million)

Table 96. Asia Power Battery Precursor and Cathode Revenue by Application

(2024-2029) & (US\$ Million)

Table 97. Asia Power Battery Precursor and Cathode Revenue Grow Rate (CAGR) by

Country: 2018 VS 2022 VS 2029 (US\$ Million)

Table 98. Asia Power Battery Precursor and Cathode Revenue by Region (2018-2023)

& (US\$ Million)

Table 99. Asia Power Battery Precursor and Cathode Revenue by Region (2024-2029) & (US\$ Million)

Table 100. Asia Power Battery Precursor and Cathode Sales by Region (2018-2023) & (MT)

Table 101. Asia Power Battery Precursor and Cathode Sales by Region (2024-2029) & (MT)

Table 102. Middle East, Africa and Latin America Power Battery Precursor and Cathode Sales by Type (2018-2023) & (MT)

Table 103. Middle East, Africa and Latin America Power Battery Precursor and Cathode Sales by Type (2024-2029) & (MT)

Table 104. Middle East, Africa and Latin America Power Battery Precursor and Cathode Revenue by Type (2018-2023) & (US\$ Million)

Table 105. Middle East, Africa and Latin America Power Battery Precursor and Cathode Revenue by Type (2024-2029) & (US\$ Million)

Table 106. Middle East, Africa and Latin America Power Battery Precursor and Cathode Sales by Application (2018-2023) & (MT)

Table 107. Middle East, Africa and Latin America Power Battery Precursor and Cathode Sales by Application (2024-2029) & (MT)

Table 108. Middle East, Africa and Latin America Power Battery Precursor and Cathode Revenue by Application (2018-2023) & (US\$ Million)

Table 109. Middle East, Africa and Latin America Power Battery Precursor and Cathode Revenue by Application (2024-2029) & (US\$ Million)

Table 110. Middle East, Africa and Latin America Power Battery Precursor and Cathode Revenue Grow Rate (CAGR) by Country: 2018 VS 2022 VS 2029 (US\$ Million)

Table 111. Middle East, Africa and Latin America Power Battery Precursor and Cathode Revenue by Country (2018-2023) & (US\$ Million)

Table 112. Middle East, Africa and Latin America Power Battery Precursor and Cathode Revenue by Country (2024-2029) & (US\$ Million)

Table 113. Middle East, Africa and Latin America Power Battery Precursor and Cathode Sales by Country (2018-2023) & (MT)

Table 114. Middle East, Africa and Latin America Power Battery Precursor and Cathode Sales by Country (2024-2029) & (MT)

Table 115. LG Company Information

Table 116. LG Description and Major Businesses

Table 117. LG Power Battery Precursor and Cathode Capacity Sales (MT), Revenue (US\$ Million), Price (US\$/MT) and Gross Margin (2018-2023)

Table 118. LG Power Battery Precursor and Cathode Product Model Numbers, Pictures, Descriptions and Specifications

Table 119. LG Recent Development

- Table 120. Posco Chemical Company Information
- Table 121. Posco Chemical Description and Major Businesses
- Table 122. Posco Chemical Power Battery Precursor and Cathode Capacity Sales (MT), Revenue (US\$ Million), Price (US\$/MT) and Gross Margin (2018-2023)
- Table 123. Posco Chemical Power Battery Precursor and Cathode Product Model Numbers, Pictures, Descriptions and Specifications
- Table 124. Posco Chemical Recent Development
- Table 125. BASF Company Information
- Table 126. BASF Description and Major Businesses
- Table 127. BASF Power Battery Precursor and Cathode Capacity Sales (MT), Revenue (US\$ Million), Price (US\$/MT) and Gross Margin (2018-2023)
- Table 128. BASF Power Battery Precursor and Cathode Product Model Numbers, Pictures, Descriptions and Specifications
- Table 129. BASF Recent Development
- Table 130. Toda Kogyo Company Information
- Table 131. Toda Kogyo Description and Major Businesses
- Table 132. Toda Kogyo Power Battery Precursor and Cathode Capacity Sales (MT), Revenue (US\$ Million), Price (US\$/MT) and Gross Margin (2018-2023)
- Table 133. Toda Kogyo Power Battery Precursor and Cathode Product Model Numbers, Pictures, Descriptions and Specifications
- Table 134. Toda Kogyo Recent Development
- Table 135. Tanaka Chemical Company Information
- Table 136. Tanaka Chemical Description and Major Businesses
- Table 137. Tanaka Chemical Power Battery Precursor and Cathode Capacity Sales (MT), Revenue (US\$ Million), Price (US\$/MT) and Gross Margin (2018-2023)
- Table 138. Tanaka Chemical Power Battery Precursor and Cathode Product Model Numbers, Pictures, Descriptions and Specifications
- Table 139. Tanaka Chemical Recent Development
- Table 140. GEM Company Information
- Table 141. GEM Description and Major Businesses
- Table 142. GEM Power Battery Precursor and Cathode Capacity Sales (MT), Revenue (US\$ Million), Price (US\$/MT) and Gross Margin (2018-2023)
- Table 143. GEM Power Battery Precursor and Cathode Product Model Numbers, Pictures, Descriptions and Specifications
- Table 144. GEM Recent Development
- Table 145. Shanshan Energy Company Information
- Table 146. Shanshan Energy Description and Major Businesses
- Table 147. Shanshan Energy Power Battery Precursor and Cathode Capacity Sales (MT), Revenue (US\$ Million), Price (US\$/MT) and Gross Margin (2018-2023)

- Table 148. Shanshan Energy Power Battery Precursor and Cathode Product Model Numbers, Pictures, Descriptions and Specifications
- Table 149. Shanshan Energy Recent Development
- Table 150. Ningbo Ronbay New Energy Company Information
- Table 151. Ningbo Ronbay New Energy Description and Major Businesses
- Table 152. Ningbo Ronbay New Energy Power Battery Precursor and Cathode Capacity Sales (MT), Revenue (US\$ Million), Price (US\$/MT) and Gross Margin (2018-2023)
- Table 153. Ningbo Ronbay New Energy Power Battery Precursor and Cathode Product Model Numbers, Pictures, Descriptions and Specifications
- Table 154. Ningbo Ronbay New Energy Recent Development
- Table 155. Hunan Changyuan Lico Company Information
- Table 156. Hunan Changyuan Lico Description and Major Businesses
- Table 157. Hunan Changyuan Lico Power Battery Precursor and Cathode Capacity Sales (MT), Revenue (US\$ Million), Price (US\$/MT) and Gross Margin (2018-2023)
- Table 158. Hunan Changyuan Lico Power Battery Precursor and Cathode Product Model Numbers, Pictures, Descriptions and Specifications
- Table 159. Hunan Changyuan Lico Recent Development
- Table 160. Umicore Company Information
- Table 161. Umicore Description and Major Businesses
- Table 162. Umicore Power Battery Precursor and Cathode Capacity Sales (MT), Revenue (US\$ Million), Price (US\$/MT) and Gross Margin (2018-2023)
- Table 163. Umicore Power Battery Precursor and Cathode Product Model Numbers, Pictures, Descriptions and Specifications
- Table 164. Umicore Recent Development
- Table 165. CNGR Corporation Company Information
- Table 166. CNGR Corporation Description and Major Businesses
- Table 167. CNGR Corporation Power Battery Precursor and Cathode Capacity Sales (MT), Revenue (US\$ Million), Price (US\$/MT) and Gross Margin (2018-2023)
- Table 168. CNGR Corporation Power Battery Precursor and Cathode Product Model Numbers, Pictures, Descriptions and Specifications
- Table 169. CNGR Corporation Recent Development
- Table 170. GanfengLithium Company Information
- Table 171. GanfengLithium Description and Major Businesses
- Table 172. GanfengLithium Power Battery Precursor and Cathode Capacity Sales (MT), Revenue (US\$ Million), Price (US\$/MT) and Gross Margin (2018-2023)
- Table 173. GanfengLithium Power Battery Precursor and Cathode Product Model Numbers, Pictures, Descriptions and Specifications
- Table 174. GanfengLithium Recent Development
- Table 175. Zhejiang Huayou Cobalt Company Information

- Table 176. Zhejiang Huayou Cobalt Description and Major Businesses
- Table 177. Zhejiang Huayou Cobalt Power Battery Precursor and Cathode Capacity Sales (MT), Revenue (US\$ Million), Price (US\$/MT) and Gross Margin (2018-2023)
- Table 178. Zhejiang Huayou Cobalt Power Battery Precursor and Cathode Product Model Numbers, Pictures, Descriptions and Specifications
- Table 179. Zhejiang Huayou Cobalt Recent Development
- Table 180. Putailai New Energy Technology Company Information
- Table 181. Putailai New Energy Technology Description and Major Businesses
- Table 182. Putailai New Energy Technology Power Battery Precursor and Cathode Capacity Sales (MT), Revenue (US\$ Million), Price (US\$/MT) and Gross Margin (2018-2023)
- Table 183. Putailai New Energy Technology Power Battery Precursor and Cathode Product Model Numbers, Pictures, Descriptions and Specifications
- Table 184. Putailai New Energy Technology Recent Development
- Table 185. BTR New Energy Company Information
- Table 186. BTR New Energy Description and Major Businesses
- Table 187. BTR New Energy Power Battery Precursor and Cathode Capacity Sales (MT), Revenue (US\$ Million), Price (US\$/MT) and Gross Margin (2018-2023)
- Table 188. BTR New Energy Power Battery Precursor and Cathode Product Model Numbers, Pictures, Descriptions and Specifications
- Table 189. BTR New Energy Recent Development
- Table 190. Hitachi Chem Company Information
- Table 191. Hitachi Chem Description and Major Businesses
- Table 192. Hitachi Chem Power Battery Precursor and Cathode Capacity Sales (MT), Revenue (US\$ Million), Price (US\$/MT) and Gross Margin (2018-2023)
- Table 193. Hitachi Chem Power Battery Precursor and Cathode Product Model Numbers, Pictures, Descriptions and Specifications
- Table 194. Hitachi Chem Recent Development
- Table 195. Shanshan Tech Company Information
- Table 196. Shanshan Tech Description and Major Businesses
- Table 197. Shanshan Tech Power Battery Precursor and Cathode Capacity Sales (MT), Revenue (US\$ Million), Price (US\$/MT) and Gross Margin (2018-2023)
- Table 198. Shanshan Tech Power Battery Precursor and Cathode Product Model Numbers, Pictures, Descriptions and Specifications
- Table 199. Shanshan Tech Recent Development
- Table 200. JFE Company Information
- Table 201. JFE Description and Major Businesses
- Table 202. JFE Power Battery Precursor and Cathode Capacity Sales (MT), Revenue (US\$ Million), Price (US\$/MT) and Gross Margin (2018-2023)

Table 203. JFE Power Battery Precursor and Cathode Product Model Numbers, Pictures, Descriptions and Specifications

Table 204. JFE Recent Development

Table 205. Mitsubishi Chem Company Information

Table 206. Mitsubishi Chem Description and Major Businesses

Table 207. Mitsubishi Chem Power Battery Precursor and Cathode Capacity Sales (MT), Revenue (US\$ Million), Price (US\$/MT) and Gross Margin (2018-2023)

Table 208. Mitsubishi Chem Power Battery Precursor and Cathode Product Model Numbers, Pictures, Descriptions and Specifications

Table 209. Mitsubishi Chem Recent Development

Table 210. Nippon Carbon Company Information

Table 211. Nippon Carbon Description and Major Businesses

Table 212. Nippon Carbon Power Battery Precursor and Cathode Capacity Sales (MT), Revenue (US\$ Million), Price (US\$/MT) and Gross Margin (2018-2023)

Table 213. Nippon Carbon Power Battery Precursor and Cathode Product Model Numbers, Pictures, Descriptions and Specifications

Table 214. Nippon Carbon Recent Development

Table 215. Zichen Tech Company Information

Table 216. Zichen Tech Description and Major Businesses

Table 217. Zichen Tech Power Battery Precursor and Cathode Capacity Sales (MT), Revenue (US\$ Million), Price (US\$/MT) and Gross Margin (2018-2023)

Table 218. Zichen Tech Power Battery Precursor and Cathode Product Model Numbers, Pictures, Descriptions and Specifications

Table 219. Zichen Tech Recent Development

Table 220. L&F Company Information

Table 221. L&F Description and Major Businesses

Table 222. L&F Power Battery Precursor and Cathode Capacity Sales (MT), Revenue (US\$ Million), Price (US\$/MT) and Gross Margin (2018-2023)

Table 223. L&F Power Battery Precursor and Cathode Product Model Numbers, Pictures, Descriptions and Specifications

Table 224. L&F Recent Development

Table 225. Ecopro Company Information

Table 226. Ecopro Description and Major Businesses

Table 227. Ecopro Power Battery Precursor and Cathode Capacity Sales (MT), Revenue (US\$ Million), Price (US\$/MT) and Gross Margin (2018-2023)

Table 228. Ecopro Power Battery Precursor and Cathode Product Model Numbers, Pictures, Descriptions and Specifications

Table 229. Ecopro Recent Development

Table 230. Cosmo Advanced Materials Company Information

- Table 231. Cosmo Advanced Materials Description and Major Businesses
- Table 232. Cosmo Advanced Materials Power Battery Precursor and Cathode Capacity Sales (MT), Revenue (US\$ Million), Price (US\$/MT) and Gross Margin (2018-2023)
- Table 233. Cosmo Advanced Materials Power Battery Precursor and Cathode Product Model Numbers, Pictures, Descriptions and Specifications
- Table 234. Cosmo Advanced Materials Recent Development
- Table 235. Nichia Company Information
- Table 236. Nichia Description and Major Businesses
- Table 237. Nichia Power Battery Precursor and Cathode Capacity Sales (MT), Revenue (US\$ Million), Price (US\$/MT) and Gross Margin (2018-2023)
- Table 238. Nichia Power Battery Precursor and Cathode Product Model Numbers, Pictures, Descriptions and Specifications
- Table 239. Nichia Recent Development
- Table 240. B&M Company Information
- Table 241. B&M Description and Major Businesses
- Table 242. B&M Power Battery Precursor and Cathode Capacity Sales (MT), Revenue (US\$ Million), Price (US\$/MT) and Gross Margin (2018-2023)
- Table 243. B&M Power Battery Precursor and Cathode Product Model Numbers, Pictures, Descriptions and Specifications
- Table 244. B&M Recent Development
- Table 245. Key Raw Materials Lists
- Table 246. Raw Materials Key Suppliers Lists
- Table 247. Power Battery Precursor and Cathode Distributors List
- Table 248. Power Battery Precursor and Cathode Customers List
- Table 249. Power Battery Precursor and Cathode Market Trends
- Table 250. Power Battery Precursor and Cathode Market Drivers
- Table 251. Power Battery Precursor and Cathode Market Challenges
- Table 252. Power Battery Precursor and Cathode Market Restraints
- Table 253. Research Programs/Design for This Report
- Table 254. Key Data Information from Secondary Sources
- Table 255. Key Data Information from Primary Sources

List Of Figures

LIST OF FIGURES

- Figure 1. Power Battery Precursor and Cathode Product Picture
- Figure 2. Global Power Battery Precursor and Cathode Market Size Growth Rate by Type, 2018 VS 2022 VS 2029 (US\$ Million)
- Figure 3. Global Power Battery Precursor and Cathode Market Share by Type in 2022 & 2029
- Figure 4. NCA Product Picture
- Figure 5. NMC Product Picture
- Figure 6. Natural Graphite Product Picture
- Figure 7. Synthetic Graphite Product Picture
- Figure 8. Others Product Picture
- Figure 9. Global Power Battery Precursor and Cathode Market Size Growth Rate by Application, 2018 VS 2022 VS 2029 (US\$ Million)
- Figure 10. Global Power Battery Precursor and Cathode Market Share by Application in 2022 & 2029
- Figure 11. Ternary Lithium Ion Battery
- Figure 12. NiMH Batteries
- Figure 13. Lithium Cobalt Acid Battery
- Figure 14. Manganese Lithium Ion Battery
- Figure 15. Lithium Iron Phosphate Battery
- Figure 16. Power Battery Precursor and Cathode Report Years Considered
- Figure 17. Global Power Battery Precursor and Cathode Capacity, Production and Utilization (2018-2029) & (MT)
- Figure 18. Global Power Battery Precursor and Cathode Production Market Share by Region in Percentage: 2022 Versus 2029
- Figure 19. Global Power Battery Precursor and Cathode Production Market Share by Region (2018-2029)
- Figure 20. Power Battery Precursor and Cathode Production Growth Rate in North America (2018-2029) & (MT)
- Figure 21. Power Battery Precursor and Cathode Production Growth Rate in Europe (2018-2029) & (MT)
- Figure 22. Power Battery Precursor and Cathode Production Growth Rate in China (2018-2029) & (MT)
- Figure 23. Power Battery Precursor and Cathode Production Growth Rate in Japan (2018-2029) & (MT)
- Figure 24. Global Power Battery Precursor and Cathode Revenue, (US\$ Million), 2018

VS 2022 VS 2029

Figure 25. Global Power Battery Precursor and Cathode Revenue 2018-2029 (US\$ Million)

Figure 26. Global Power Battery Precursor and Cathode Revenue (CAGR) by Region: 2018 VS 2022 VS 2029 (US\$ Million)

Figure 27. Global Power Battery Precursor and Cathode Revenue Market Share by Region in Percentage: 2022 Versus 2029

Figure 28. Global Power Battery Precursor and Cathode Revenue Market Share by Region (2018-2029)

Figure 29. Global Power Battery Precursor and Cathode Sales 2018-2029 ((MT)

Figure 30. Global Power Battery Precursor and Cathode Sales (CAGR) by Region: 2018 VS 2022 VS 2029 (MT)

Figure 31. Global Power Battery Precursor and Cathode Sales Market Share by Region (2018-2029)

Figure 32. US & Canada Power Battery Precursor and Cathode Sales YoY (2018-2029) & (MT)

Figure 33. US & Canada Power Battery Precursor and Cathode Revenue YoY (2018-2029) & (US\$ Million)

Figure 34. Europe Power Battery Precursor and Cathode Sales YoY (2018-2029) & (MT)

Figure 35. Europe Power Battery Precursor and Cathode Revenue YoY (2018-2029) & (US\$ Million)

Figure 36. China Power Battery Precursor and Cathode Sales YoY (2018-2029) & (MT)

Figure 37. China Power Battery Precursor and Cathode Revenue YoY (2018-2029) & (US\$ Million)

Figure 38. Asia (excluding China) Power Battery Precursor and Cathode Sales YoY (2018-2029) & (MT)

Figure 39. Asia (excluding China) Power Battery Precursor and Cathode Revenue YoY (2018-2029) & (US\$ Million)

Figure 40. Middle East, Africa and Latin America Power Battery Precursor and Cathode Sales YoY (2018-2029) & (MT)

Figure 41. Middle East, Africa and Latin America Power Battery Precursor and Cathode Revenue YoY (2018-2029) & (US\$ Million)

Figure 42. The Power Battery Precursor and Cathode Market Share of Top 10 and Top 5 Largest Manufacturers Around the World in 2022

Figure 43. The Top 5 and 10 Largest Manufacturers of Power Battery Precursor and Cathode in the World: Market Share by Power Battery Precursor and Cathode Revenue in 2022

Figure 44. Global Power Battery Precursor and Cathode Market Share by Company

Type (Tier 1, Tier 2, and Tier 3): 2018 VS 2022

Figure 45. Global Power Battery Precursor and Cathode Sales Market Share by Type (2018-2029)

Figure 46. Global Power Battery Precursor and Cathode Revenue Market Share by Type (2018-2029)

Figure 47. Global Power Battery Precursor and Cathode Sales Market Share by Application (2018-2029)

Figure 48. Global Power Battery Precursor and Cathode Revenue Market Share by Application (2018-2029)

Figure 49. US & Canada Power Battery Precursor and Cathode Sales Market Share by Type (2018-2029)

Figure 50. US & Canada Power Battery Precursor and Cathode Revenue Market Share by Type (2018-2029)

Figure 51. US & Canada Power Battery Precursor and Cathode Sales Market Share by Application (2018-2029)

Figure 52. US & Canada Power Battery Precursor and Cathode Revenue Market Share by Application (2018-2029)

Figure 53. US & Canada Power Battery Precursor and Cathode Revenue Share by Country (2018-2029)

Figure 54. US & Canada Power Battery Precursor and Cathode Sales Share by Country (2018-2029)

Figure 55. U.S. Power Battery Precursor and Cathode Revenue (2018-2029) & (US\$ Million)

Figure 56. Canada Power Battery Precursor and Cathode Revenue (2018-2029) & (US\$ Million)

Figure 57. Europe Power Battery Precursor and Cathode Sales Market Share by Type (2018-2029)

Figure 58. Europe Power Battery Precursor and Cathode Revenue Market Share by Type (2018-2029)

Figure 59. Europe Power Battery Precursor and Cathode Sales Market Share by Application (2018-2029)

Figure 60. Europe Power Battery Precursor and Cathode Revenue Market Share by Application (2018-2029)

Figure 61. Europe Power Battery Precursor and Cathode Revenue Share by Country (2018-2029)

Figure 62. Europe Power Battery Precursor and Cathode Sales Share by Country (2018-2029)

Figure 63. Germany Power Battery Precursor and Cathode Revenue (2018-2029) & (US\$ Million)

Figure 64. France Power Battery Precursor and Cathode Revenue (2018-2029) & (US\$ Million)

Figure 65. U.K. Power Battery Precursor and Cathode Revenue (2018-2029) & (US\$ Million)

Figure 66. Italy Power Battery Precursor and Cathode Revenue (2018-2029) & (US\$ Million)

Figure 67. Russia Power Battery Precursor and Cathode Revenue (2018-2029) & (US\$ Million)

Figure 68. China Power Battery Precursor and Cathode Sales Market Share by Type (2018-2029)

Figure 69. China Power Battery Precursor and Cathode Revenue Market Share by Type (2018-2029)

Figure 70. China Power Battery Precursor and Cathode Sales Market Share by Application (2018-2029)

I would like to order

Product name: Global Power Battery Precursor and Cathode Market Insights, Forecast to 2029

Product link: <https://marketpublishers.com/r/GDD99E894C72EN.html>

Price: US\$ 4,900.00 (Single User License / Electronic Delivery)

If you want to order Corporate License or Hard Copy, please, contact our Customer Service:

info@marketpublishers.com

Payment

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click button on product page <https://marketpublishers.com/r/GDD99E894C72EN.html>

To pay by Wire Transfer, please, fill in your contact details in the form below:

First name:
Last name:
Email:
Company:
Address:
City:
Zip code:
Country:
Tel:
Fax:
Your message:

****All fields are required**

Customer signature _____

Please, note that by ordering from marketpublishers.com you are agreeing to our Terms & Conditions at <https://marketpublishers.com/docs/terms.html>

To place an order via fax simply print this form, fill in the information below and fax the completed form to +44 20 7900 3970