

Global Nickel Cadmium Battery Market Size study & Forecast, by Block Battery Construction (L Type, M Type, H Type, Others), by End-Use Industry (Consumer Goods, Industrial Equipment, Healthcare Equipment, Automotive, Others) and Regional Analysis, 2022-2029

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Abstracts

Global Nickel Cadmium Battery Market is valued at approximately USD 1.36 billion in 2021 and is anticipated to grow with a healthy growth rate of more than 2.8% over the forecast period 2022-2029. Nickel-cadmium (Ni-Cd) battery is a type of rechargeable battery that used nickel oxide hydroxide and metallic cadmium as electrodes and is used to convert electric energy into chemical energy. This battery offers features including reliability, long life, and low maintenance system. The surging adoption in critical industries for emergency power backup applications, increasing use in railway applications, and the emergence of novel technologies are augmenting the market growth across the globe.

The exponential demand for consumer electronics is also stipulating the demand for nickel cadmium batteries because of their cost-effectiveness and ease of availability. According to the Indian Brand Equity Foundation, the Indian appliances and consumer electronics market was worth USD 10.93 billion in 2019. Also, the market is progressively growing and it is expected to rise to USD 21.18 billion by 2025. Hence, the adoption of this battery in consumer electronics is on the rise which in turn leads to the rapid expansion of the market. Moreover, the flourishing growth of the aviation industry, as well as rising renewable energy practices are presenting various lucrative opportunities over the forecasting years. However, the availability of other superior battery technologies and the harmful effects of cadmium on the environment and human

health are challenging the market growth throughout the forecast period of 2022-2029.

The key regions considered for the Global Nickel Cadmium Battery Market study include Asia Pacific, North America, Europe, Latin America, and the Rest of the World. North America dominated the market in terms of revenue, owing to the rising adoption from various end-use industries and the presence of key market players. Whereas, the Asia Pacific is expected to grow with the highest CAGR during the forecast period, owing to factors such as the availability of cheap resources, emerging economies, as well as surging demand for consumer electronics in the regional market.

Major market players included in this report are:

Sanyo Corporation

Energizer

Gold Peak Batteries International Limited

Toshiba Batteries

BYD Company Ltd.

Alcad

Interberg Batteries Ltd.

Varta Batteries

GS Yuasa Corporation

HBL Power Systems Limited

Recent Developments in the Market:

In April 2022, EnerSys entered into a partnered agreement with Orogenic ApS that support Orogenic to handle all sales & distribution of Motive Power products across the Faroe Islands, Iceland, Denmark, and Greenland.

In September 2020, Saft Groupe SAS unveils the introduction of a new range of compact, reliable, maintenance-free nickel batteries with the lowest cost of ownership (TCO) for industrial applications.

Global Nickel Cadmium Battery Market Report Scope:

Historical Data 2019-2020-2021

Base Year for Estimation 2021

Forecast period 2022-2029

Report Coverage Revenue forecast, Company Ranking, Competitive Landscape, Growth factors, and Trends

Segments Covered Block Battery Construction, End-Use Industry, Region

Regional Scope North America; Europe; Asia Pacific; Latin America; Rest of the World

Customization Scope Free report customization (equivalent up to 8 analyst's working hours) with purchase. Addition or alteration to country, regional & segment scope*

The objective of the study is to define market sizes of different segments & countries in recent years and to forecast the values to the coming years. The report is designed to incorporate both qualitative and quantitative aspects of the industry within countries involved in the study.

The report also caters detailed information about the crucial aspects such as driving factors & challenges which will define the future growth of the market. Additionally, it also incorporates potential opportunities in micro markets for stakeholders to invest along with the detailed analysis of competitive landscape and product offerings of key players. The detailed segments and sub-segment of the market are explained below:

By Block Battery Construction:

- L Type
- M Type
- H Type
- Others

By End-Use Industry:

- Consumer Good
- Industrial Equipment
- Healthcare Equipment
- Automotive
- Others

By Region:

- North America
 - U.S.
 - Canada
- Europe
 - UK
 - Germany
 - France
 - Spain
 - Italy
- ROE
- Asia Pacific

China
India
Japan
Australia
South Korea
RoAPAC
Latin America
Brazil
Mexico
RoLA
Rest of the World

Contents

CHAPTER 1. EXECUTIVE SUMMARY

- 1.1. Market Snapshot
- 1.2. Global & Segmental Market Estimates & Forecasts, 2019-2029 (USD Billion)
 - 1.2.1. Nickel Cadmium Battery Market, by Region, 2019-2029 (USD Billion)
 - 1.2.2. Nickel Cadmium Battery Market, by Block Battery Construction, 2019-2029 (USD Billion)
 - 1.2.3. Nickel Cadmium Battery Market, by End-Use Industry, 2019-2029 (USD Billion)
- 1.3. Key Trends
- 1.4. Estimation Methodology
- 1.5. Research Assumption

CHAPTER 2. GLOBAL NICKEL CADMIUM BATTERY MARKET DEFINITION AND SCOPE

- 2.1. Objective of the Study
- 2.2. Market Definition & Scope
 - 2.2.1. Scope of the Study
 - 2.2.2. Industry Evolution
- 2.3. Years Considered for the Study
- 2.4. Currency Conversion Rates

CHAPTER 3. GLOBAL NICKEL CADMIUM BATTERY MARKET DYNAMICS

- 3.1. Nickel Cadmium Battery Market Impact Analysis (2019-2029)
 - 3.1.1. Market Drivers
 - 3.1.1.1. Rising demand for consumer electronics
 - 3.1.1.2. Increasing use in railway applications
 - 3.1.2. Market Challenges
 - 3.1.2.1. Availability of other superior battery technologies
 - 3.1.2.2. Harmful effects of cadmium on the environment and human health
 - 3.1.3. Market Opportunities
 - 3.1.3.1. Flourishing growth of the aviation industry
 - 3.1.3.2. Rising renewable energy practices

CHAPTER 4. GLOBAL NICKEL CADMIUM BATTERY MARKET INDUSTRY ANALYSIS

- 4.1. Porter's 5 Force Model
 - 4.1.1. Bargaining Power of Suppliers
 - 4.1.2. Bargaining Power of Buyers
 - 4.1.3. Threat of New Entrants
 - 4.1.4. Threat of Substitutes
 - 4.1.5. Competitive Rivalry
- 4.2. Futuristic Approach to Porter's 5 Force Model (2019-2029)
- 4.3. PEST Analysis
 - 4.3.1. Political
 - 4.3.2. Economical
 - 4.3.3. Social
 - 4.3.4. Technological
- 4.4. Top investment opportunity
- 4.5. Top winning strategies
- 4.6. Industry Experts Prospective
- 4.7. Analyst Recommendation & Conclusion

CHAPTER 5. RISK ASSESSMENT: COVID-19 IMPACT

- 5.1. Assessment of the overall impact of COVID-19 on the industry
- 5.2. Pre COVID-19 and post COVID-19 Market scenario

CHAPTER 6. GLOBAL NICKEL CADMIUM BATTERY MARKET, BY BLOCK BATTERY CONSTRUCTION

- 6.1. Market Snapshot
- 6.2. Global Nickel Cadmium Battery Market by Block Battery Construction, Performance - Potential Analysis
- 6.3. Global Nickel Cadmium Battery Market Estimates & Forecasts by Block Battery Construction 2019-2029 (USD Billion)
- 6.4. Nickel Cadmium Battery Market, Sub Segment Analysis
 - 6.4.1. L Type
 - 6.4.2. M Type
 - 6.4.3. H Type
 - 6.4.4. Others

CHAPTER 7. GLOBAL NICKEL CADMIUM BATTERY MARKET, BY END-USE INDUSTRY

- 7.1. Market Snapshot
- 7.2. Global Nickel Cadmium Battery Market by End-Use Industry, Performance - Potential Analysis
- 7.3. Global Nickel Cadmium Battery Market Estimates & Forecasts by End-Use Industry 2019-2029 (USD Billion)
- 7.4. Nickel Cadmium Battery Market, Sub Segment Analysis
 - 7.4.1. Consumer Goods
 - 7.4.2. Industrial Equipment
 - 7.4.3. Healthcare Equipment
 - 7.4.4. Automotive
 - 7.4.5. Others

CHAPTER 8. GLOBAL NICKEL CADMIUM BATTERY MARKET, REGIONAL ANALYSIS

- 8.1. Nickel Cadmium Battery Market, Regional Market Snapshot
- 8.2. North America Nickel Cadmium Battery Market
 - 8.2.1. U.S. Nickel Cadmium Battery Market
 - 8.2.1.1. Block Battery Construction breakdown estimates & forecasts, 2019-2029
 - 8.2.1.2. End-Use Industry breakdown estimates & forecasts, 2019-2029
 - 8.2.2. Canada Nickel Cadmium Battery Market
- 8.3. Europe Nickel Cadmium Battery Market Snapshot
 - 8.3.1. U.K. Nickel Cadmium Battery Market
 - 8.3.2. Germany Nickel Cadmium Battery Market
 - 8.3.3. France Nickel Cadmium Battery Market
 - 8.3.4. Spain Nickel Cadmium Battery Market
 - 8.3.5. Italy Nickel Cadmium Battery Market
 - 8.3.6. Rest of Europe Nickel Cadmium Battery Market
- 8.4. Asia-Pacific Nickel Cadmium Battery Market Snapshot
 - 8.4.1. China Nickel Cadmium Battery Market
 - 8.4.2. India Nickel Cadmium Battery Market
 - 8.4.3. Japan Nickel Cadmium Battery Market
 - 8.4.4. Australia Nickel Cadmium Battery Market
 - 8.4.5. South Korea Nickel Cadmium Battery Market
 - 8.4.6. Rest of Asia Pacific Nickel Cadmium Battery Market
- 8.5. Latin America Nickel Cadmium Battery Market Snapshot
 - 8.5.1. Brazil Nickel Cadmium Battery Market
 - 8.5.2. Mexico Nickel Cadmium Battery Market

- 8.5.3. Rest of Latin America Nickel Cadmium Battery Market
- 8.6. Rest of The World Nickel Cadmium Battery Market

CHAPTER 9. COMPETITIVE INTELLIGENCE

- 9.1. Top Market Strategies
- 9.2. Company Profiles
 - 9.2.1. Sanyo Corporation
 - 9.2.1.1. Key Information
 - 9.2.1.2. Overview
 - 9.2.1.3. Financial (Subject to Data Availability)
 - 9.2.1.4. Product Summary
 - 9.2.1.5. Recent Developments
 - 9.2.2. Energizer
 - 9.2.3. Gold Peak Batteries International Limited
 - 9.2.4. Toshiba Batteries
 - 9.2.5. BYD Company Ltd.
 - 9.2.6. Alcad
 - 9.2.7. Interberg Batteries Ltd.
 - 9.2.8. Varta Batteries
 - 9.2.9. GS Yuasa Corporation
 - 9.2.10. HBL Power Systems Limited

CHAPTER 10. RESEARCH PROCESS

- 10.1. Research Process
 - 10.1.1. Data Mining
 - 10.1.2. Analysis
 - 10.1.3. Market Estimation
 - 10.1.4. Validation
 - 10.1.5. Publishing
- 10.2. Research Attributes
- 10.3. Research Assumption

List Of Tables

LIST OF TABLES

TABLE 1. Global Nickel Cadmium Battery Market, report scope

TABLE 2. Global Nickel Cadmium Battery Market estimates & forecasts by Region 2019-2029 (USD Billion)

TABLE 3. Global Nickel Cadmium Battery Market estimates & forecasts by Block Battery Construction 2019-2029 (USD Billion)

TABLE 4. Global Nickel Cadmium Battery Market estimates & forecasts by End-Use Industry 2019-2029 (USD Billion)

TABLE 5. Global Nickel Cadmium Battery Market by segment, estimates & forecasts, 2019-2029 (USD Billion)

TABLE 6. Global Nickel Cadmium Battery Market by region, estimates & forecasts, 2019-2029 (USD Billion)

TABLE 7. Global Nickel Cadmium Battery Market by segment, estimates & forecasts, 2019-2029 (USD Billion)

TABLE 8. Global Nickel Cadmium Battery Market by region, estimates & forecasts, 2019-2029 (USD Billion)

TABLE 9. Global Nickel Cadmium Battery Market by segment, estimates & forecasts, 2019-2029 (USD Billion)

TABLE 10. Global Nickel Cadmium Battery Market by region, estimates & forecasts, 2019-2029 (USD Billion)

TABLE 11. Global Nickel Cadmium Battery Market by segment, estimates & forecasts, 2019-2029 (USD Billion)

TABLE 12. Global Nickel Cadmium Battery Market by region, estimates & forecasts, 2019-2029 (USD Billion)

TABLE 13. Global Nickel Cadmium Battery Market by segment, estimates & forecasts, 2019-2029 (USD Billion)

TABLE 14. Global Nickel Cadmium Battery Market by region, estimates & forecasts, 2019-2029 (USD Billion)

TABLE 15. U.S. Nickel Cadmium Battery Market estimates & forecasts, 2019-2029 (USD Billion)

TABLE 16. U.S. Nickel Cadmium Battery Market estimates & forecasts by segment 2019-2029 (USD Billion)

TABLE 17. U.S. Nickel Cadmium Battery Market estimates & forecasts by segment 2019-2029 (USD Billion)

TABLE 18. Canada Nickel Cadmium Battery Market estimates & forecasts, 2019-2029 (USD Billion)

TABLE 19. Canada Nickel Cadmium Battery Market estimates & forecasts by segment 2019-2029 (USD Billion)

TABLE 20. Canada Nickel Cadmium Battery Market estimates & forecasts by segment 2019-2029 (USD Billion)

TABLE 21. UK Nickel Cadmium Battery Market estimates & forecasts, 2019-2029 (USD Billion)

TABLE 22. UK Nickel Cadmium Battery Market estimates & forecasts by segment 2019-2029 (USD Billion)

TABLE 23. UK Nickel Cadmium Battery Market estimates & forecasts by segment 2019-2029 (USD Billion)

TABLE 24. Germany Nickel Cadmium Battery Market estimates & forecasts, 2019-2029 (USD Billion)

TABLE 25. Germany Nickel Cadmium Battery Market estimates & forecasts by segment 2019-2029 (USD Billion)

TABLE 26. Germany Nickel Cadmium Battery Market estimates & forecasts by segment 2019-2029 (USD Billion)

TABLE 27. France Nickel Cadmium Battery Market estimates & forecasts, 2019-2029 (USD Billion)

TABLE 28. France Nickel Cadmium Battery Market estimates & forecasts by segment 2019-2029 (USD Billion)

TABLE 29. France Nickel Cadmium Battery Market estimates & forecasts by segment 2019-2029 (USD Billion)

TABLE 30. Italy Nickel Cadmium Battery Market estimates & forecasts, 2019-2029 (USD Billion)

TABLE 31. Italy Nickel Cadmium Battery Market estimates & forecasts by segment 2019-2029 (USD Billion)

TABLE 32. Italy Nickel Cadmium Battery Market estimates & forecasts by segment 2019-2029 (USD Billion)

TABLE 33. Spain Nickel Cadmium Battery Market estimates & forecasts, 2019-2029 (USD Billion)

TABLE 34. Spain Nickel Cadmium Battery Market estimates & forecasts by segment 2019-2029 (USD Billion)

TABLE 35. Spain Nickel Cadmium Battery Market estimates & forecasts by segment 2019-2029 (USD Billion)

TABLE 36. RoE Nickel Cadmium Battery Market estimates & forecasts, 2019-2029 (USD Billion)

TABLE 37. RoE Nickel Cadmium Battery Market estimates & forecasts by segment 2019-2029 (USD Billion)

TABLE 38. RoE Nickel Cadmium Battery Market estimates & forecasts by segment

2019-2029 (USD Billion)

TABLE 39. China Nickel Cadmium Battery Market estimates & forecasts, 2019-2029 (USD Billion)

TABLE 40. China Nickel Cadmium Battery Market estimates & forecasts by segment 2019-2029 (USD Billion)

TABLE 41. China Nickel Cadmium Battery Market estimates & forecasts by segment 2019-2029 (USD Billion)

TABLE 42. India Nickel Cadmium Battery Market estimates & forecasts, 2019-2029 (USD Billion)

TABLE 43. India Nickel Cadmium Battery Market estimates & forecasts by segment 2019-2029 (USD Billion)

TABLE 44. India Nickel Cadmium Battery Market estimates & forecasts by segment 2019-2029 (USD Billion)

TABLE 45. Japan Nickel Cadmium Battery Market estimates & forecasts, 2019-2029 (USD Billion)

TABLE 46. Japan Nickel Cadmium Battery Market estimates & forecasts by segment 2019-2029 (USD Billion)

TABLE 47. Japan Nickel Cadmium Battery Market estimates & forecasts by segment 2019-2029 (USD Billion)

TABLE 48. South Korea Nickel Cadmium Battery Market estimates & forecasts, 2019-2029 (USD Billion)

TABLE 49. South Korea Nickel Cadmium Battery Market estimates & forecasts by segment 2019-2029 (USD Billion)

TABLE 50. South Korea Nickel Cadmium Battery Market estimates & forecasts by segment 2019-2029 (USD Billion)

TABLE 51. Australia Nickel Cadmium Battery Market estimates & forecasts, 2019-2029 (USD Billion)

TABLE 52. Australia Nickel Cadmium Battery Market estimates & forecasts by segment 2019-2029 (USD Billion)

TABLE 53. Australia Nickel Cadmium Battery Market estimates & forecasts by segment 2019-2029 (USD Billion)

TABLE 54. RoAPAC Nickel Cadmium Battery Market estimates & forecasts, 2019-2029 (USD Billion)

TABLE 55. RoAPAC Nickel Cadmium Battery Market estimates & forecasts by segment 2019-2029 (USD Billion)

TABLE 56. RoAPAC Nickel Cadmium Battery Market estimates & forecasts by segment 2019-2029 (USD Billion)

TABLE 57. Brazil Nickel Cadmium Battery Market estimates & forecasts, 2019-2029 (USD Billion)

TABLE 58. Brazil Nickel Cadmium Battery Market estimates & forecasts by segment 2019-2029 (USD Billion)

TABLE 59. Brazil Nickel Cadmium Battery Market estimates & forecasts by segment 2019-2029 (USD Billion)

TABLE 60. Mexico Nickel Cadmium Battery Market estimates & forecasts, 2019-2029 (USD Billion)

TABLE 61. Mexico Nickel Cadmium Battery Market estimates & forecasts by segment 2019-2029 (USD Billion)

TABLE 62. Mexico Nickel Cadmium Battery Market estimates & forecasts by segment 2019-2029 (USD Billion)

TABLE 63. RoLA Nickel Cadmium Battery Market estimates & forecasts, 2019-2029 (USD Billion)

TABLE 64. RoLA Nickel Cadmium Battery Market estimates & forecasts by segment 2019-2029 (USD Billion)

TABLE 65. RoLA Nickel Cadmium Battery Market estimates & forecasts by segment 2019-2029 (USD Billion)

TABLE 66. Row Nickel Cadmium Battery Market estimates & forecasts, 2019-2029 (USD Billion)

TABLE 67. Row Nickel Cadmium Battery Market estimates & forecasts by segment 2019-2029 (USD Billion)

TABLE 68. Row Nickel Cadmium Battery Market estimates & forecasts by segment 2019-2029 (USD Billion)

TABLE 69. List of secondary sources, used in the study of global Nickel Cadmium Battery Market

TABLE 70. List of primary sources, used in the study of global Nickel Cadmium Battery Market

TABLE 71. Years considered for the study

TABLE 72. Exchange rates considered

List of tables and figures and dummy in nature, final lists may vary in the final deliverable

List Of Figures

LIST OF FIGURES

- FIG 1. Global Nickel Cadmium Battery Market, research methodology
 - FIG 2. Global Nickel Cadmium Battery Market, Market estimation techniques
 - FIG 3. Global Market size estimates & forecast methods
 - FIG 4. Global Nickel Cadmium Battery Market, key trends 2021
 - FIG 5. Global Nickel Cadmium Battery Market, growth prospects 2022-2029
 - FIG 6. Global Nickel Cadmium Battery Market, porters 5 force model
 - FIG 7. Global Nickel Cadmium Battery Market, pest analysis
 - FIG 8. Global Nickel Cadmium Battery Market, value chain analysis
 - FIG 9. Global Nickel Cadmium Battery Market by segment, 2019 & 2029 (USD Billion)
 - FIG 10. Global Nickel Cadmium Battery Market by segment, 2019 & 2029 (USD Billion)
 - FIG 11. Global Nickel Cadmium Battery Market by segment, 2019 & 2029 (USD Billion)
 - FIG 12. Global Nickel Cadmium Battery Market by segment, 2019 & 2029 (USD Billion)
 - FIG 13. Global Nickel Cadmium Battery Market by segment, 2019 & 2029 (USD Billion)
 - FIG 14. Global Nickel Cadmium Battery Market, regional snapshot 2019 & 2029
 - FIG 15. North America Nickel Cadmium Battery Market 2019 & 2029 (USD Billion)
 - FIG 16. Europe Nickel Cadmium Battery Market 2019 & 2029 (USD Billion)
 - FIG 17. Asia Pacific Nickel Cadmium Battery Market 2019 & 2029 (USD Billion)
 - FIG 18. Latin America Nickel Cadmium Battery Market 2019 & 2029 (USD Billion)
 - FIG 19. Global Nickel Cadmium Battery Market, company Market share analysis (2021)
- List of tables and figures and dummy in nature, final lists may vary in the final deliverable

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