

# **North America Rechargeable Poly Lithium-Ion Battery Market By Structure (Cylindrical and Prismatic), By Application (Electric Vehicles, Industrial, Power, Consumer Electronic and Others), By Country, Industry Analysis and Forecast, 2020 - 2026**

<https://marketpublishers.com/r/NFD36D617C03EN.html>

Date: September 2020

Pages: 80

Price: US\$ 1,500.00 (Single User License)

ID: NFD36D617C03EN

## **Abstracts**

The North America Rechargeable Poly Lithium-Ion Battery Market would witness market growth of 6.7% CAGR during the forecast period (2020-2026).

Lithium-ion polymer battery is a type of rechargeable battery that consists of lithium-ion technology in a compact pouch format. The lithium ions change negative electrodes to positive electrodes as and when the battery is being used and vice-versa when the battery is plugged for charging. The batteries are light in weight as it is the package in a pouch format. They are mainly used in consumer electronics goods such as electric vehicles, laptops, hybrid electric vehicles, and digital cameras. The compact and small size of the battery and its effectiveness when compared to conventional counterparts has resulted in an increase in the demand for the product and market penetration. Lithium metal is intrinsically unstable during charging; this has resulted in shifting the research focus from metal to non-metallic lithium ions.

The energy efficacy of the non-metallic lithium-ion is double to that of cadmium-nickel. One of the major advantages of using lithium-ion batteries is its low need for maintenance as compared to other chemistries. The self-discharge is also not less as compared to nickel-cadmium batteries. The lithium-ion cells can be prismatic or cylindrical battery kind of battery. Electric vehicles that use these batteries have expanded attention as there is an increase in the need for energy production and eco-friendly products. The inclination of the consumer is rising for such batteries, and thereby, there is a rise in the sales of lithium battery vehicles is anticipated to boost the

global batteries market. Kodak has recently introduced a product called Promaster PLI-12B, which is a very lightweight battery with a capacity of about 1300 mAh.

Based on Structure, the market is segmented into Cylindrical and Prismatic. Based on Application, the market is segmented into Electric Vehicles, Industrial, Power, Consumer Electronic and Others. Based on countries, the market is segmented into U.S., Mexico, Canada, and Rest of North America.

The market research report covers the analysis of key stake holders of the market. Key companies profiled in the report include Samsung Electronics Co., Ltd. (Samsung Group) (Samsung SDI Co., Ltd.), 3M Company, Koninklijke Philips N.V., Motorola Solutions, Inc., Toshiba Corporation, Fujifilm Holdings Corporation, Olympus Corporation, Nikon Corporation, Sony Corporation, and LiPol Battery Co., Ltd.

#### Scope of the Study

#### Market Segmentation:

##### By Structure

Cylindrical

Prismatic

##### By Application

Electric Vehicles

Industrial

Power

Consumer Electronic

Others

## By Country

US

Canada

Mexico

Rest of North America

## Companies Profiled

Samsung Electronics Co., Ltd. (Samsung Group) (Samsung SDI Co., Ltd.)

3M Company

Koninklijke Philips N.V.

Motorola Solutions, Inc.

Toshiba Corporation

Fujifilm Holdings Corporation

Olympus Corporation

Nikon Corporation

Sony Corporation

LiPol Battery Co., Ltd.

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## Contents

### **CHAPTER 1. MARKET SCOPE & METHODOLOGY**

- 1.1 Market Definition
- 1.2 Objectives
- 1.3 Market Scope
- 1.4 Segmentation
  - 1.4.1 North America Rechargeable Poly Lithium-Ion Battery Market, by Structure
  - 1.4.2 North America Rechargeable Poly Lithium-Ion Battery Market, by Application
  - 1.4.3 North America Rechargeable Poly Lithium-Ion Battery Market, by Country
- 1.5 Methodology for the research

### **CHAPTER 2. MARKET OVERVIEW**

- 2.1 Introduction
  - 2.1.1 Overview
  - 2.1.2 Market Composition and Scenario
- 2.2 Key Factors Impacting the Market
  - 2.2.1 Market Drivers
  - 2.2.2 Market Restraints

### **CHAPTER 3. NORTH AMERICA RECHARGEABLE POLY LITHIUM-ION BATTERY MARKET BY STRUCTURE**

- 3.1 North America Cylindrical Rechargeable Poly Lithium-Ion Battery Market by Country
- 3.2 North America Prismatic Rechargeable Poly Lithium-Ion Battery Market by Country

### **CHAPTER 4. NORTH AMERICA RECHARGEABLE POLY LITHIUM-ION BATTERY MARKET BY APPLICATION**

- 4.1 North America Electric Vehicles Rechargeable Poly Lithium-Ion Battery Market by Country
- 4.2 North America Industrial Rechargeable Poly Lithium-Ion Battery Market by Country
- 4.3 North America Power Rechargeable Poly Lithium-Ion Battery Market by Country
- 4.4 North America Consumer Electronic Rechargeable Poly Lithium-Ion Battery Market by Country
- 4.5 North America Others Rechargeable Poly Lithium-Ion Battery Market by Country

## **CHAPTER 5. NORTH AMERICA RECHARGEABLE POLY LITHIUM-ION BATTERY MARKET BY COUNTRY**

- 5.1 US Rechargeable Poly Lithium-Ion Battery Market
  - 5.1.1 US Rechargeable Poly Lithium-Ion Battery Market by Structure
  - 5.1.2 US Rechargeable Poly Lithium-Ion Battery Market by Application
- 5.2 Canada Rechargeable Poly Lithium-Ion Battery Market
  - 5.2.1 Canada Rechargeable Poly Lithium-Ion Battery Market by Structure
  - 5.2.2 Canada Rechargeable Poly Lithium-Ion Battery Market by Application
- 5.3 Mexico Rechargeable Poly Lithium-Ion Battery Market
  - 5.3.1 Mexico Rechargeable Poly Lithium-Ion Battery Market by Structure
  - 5.3.2 Mexico Rechargeable Poly Lithium-Ion Battery Market by Application
- 5.4 Rest of North America Rechargeable Poly Lithium-Ion Battery Market
  - 5.4.1 Rest of North America Rechargeable Poly Lithium-Ion Battery Market by Structure
  - 5.4.2 Rest of North America Rechargeable Poly Lithium-Ion Battery Market by Application

## **CHAPTER 6. COMPANY PROFILES**

- 6.1 Samsung Electronics Co., Ltd. (Samsung Group) (Samsung SDI Co., Ltd.)
  - 6.1.1 Company Overview
  - 6.1.2 Financial Analysis
  - 6.1.3 Segmental and Regional Analysis
  - 6.1.4 Research & Development Expense
  - 6.1.5 Recent strategies and developments:
    - 6.1.5.1 Partnerships, Collaborations, and Agreements:
  - 6.1.6 SWOT Analysis
- 6.2 3M Company
  - 6.2.1 Company Overview
  - 6.2.2 Financial Analysis
  - 6.2.3 Segmental and Regional Analysis
  - 6.2.4 Research & Development Expense
- 6.3 Koninklijke Philips N.V.
  - 6.3.1 Company Overview
  - 6.3.2 Financial Analysis
  - 6.3.3 Segmental and Regional Analysis
  - 6.3.4 Research & Development Expenses
  - 6.3.5 SWOT Analysis

- 6.4 Motorola Solutions, Inc.
  - 6.4.1 Company Overview
  - 6.4.2 Financial Analysis
  - 6.4.3 Segmental and Regional Analysis
  - 6.4.4 Research & Development Expense
  - 6.4.5 SWOT Analysis
- 6.5 Toshiba Corporation
  - 6.5.1 Company Overview
  - 6.5.2 Financial Analysis
  - 6.5.3 Segmental and Regional Analysis
  - 6.5.4 Research and Development Expense
  - 6.5.5 SWOT Analysis
- 6.6 Fujifilm Holdings Corporation
  - 6.6.1 Company Overview
  - 6.6.2 Financial Analysis
  - 6.6.3 Segmental and Regional Analysis
  - 6.6.4 Research & Development Expense
  - 6.6.5 SWOT Analysis
- 6.7 Olympus Corporation
  - 6.7.1 Company Overview
  - 6.7.2 Financial Analysis
  - 6.7.3 Segmental and Regional Analysis
  - 6.7.4 Research & Development Expense
- 6.8 Nikon Corporation
  - 6.8.1 Company Overview
  - 6.8.2 Financial Analysis
  - 6.8.3 Segment and Regional Analysis
  - 6.8.4 Research & Development Expense
- 6.9 Sony Corporation
  - 6.9.1 Company Overview
  - 6.9.2 Financial Analysis
  - 6.9.3 Segmental and Regional Analysis
  - 6.9.4 Research and Development Expense
  - 6.9.5 SWOT Analysis
- 6.10. LiPol Battery Co., Ltd.
  - 6.10.1 Company Overview

## List Of Tables

### LIST OF TABLES

TABLE 1 NORTH AMERICA RECHARGEABLE POLY LITHIUM-ION BATTERY MARKET, 2016 - 2019, USD MILLION

TABLE 2 NORTH AMERICA RECHARGEABLE POLY LITHIUM-ION BATTERY MARKET, 2020 - 2026, USD MILLION

TABLE 3 NORTH AMERICA RECHARGEABLE POLY LITHIUM-ION BATTERY MARKET BY STRUCTURE, 2016 - 2019, USD MILLION

TABLE 4 NORTH AMERICA RECHARGEABLE POLY LITHIUM-ION BATTERY MARKET BY STRUCTURE, 2020 - 2026, USD MILLION

TABLE 5 NORTH AMERICA CYLINDRICAL RECHARGEABLE POLY LITHIUM-ION BATTERY MARKET BY COUNTRY, 2016 - 2019, USD MILLION

TABLE 6 NORTH AMERICA CYLINDRICAL RECHARGEABLE POLY LITHIUM-ION BATTERY MARKET BY COUNTRY, 2020 - 2026, USD MILLION

TABLE 7 NORTH AMERICA PRISMATIC RECHARGEABLE POLY LITHIUM-ION BATTERY MARKET BY COUNTRY, 2016 - 2019, USD MILLION

TABLE 8 NORTH AMERICA PRISMATIC RECHARGEABLE POLY LITHIUM-ION BATTERY MARKET BY COUNTRY, 2020 - 2026, USD MILLION

TABLE 9 NORTH AMERICA RECHARGEABLE POLY LITHIUM-ION BATTERY MARKET BY APPLICATION, 2016 - 2019, USD MILLION

TABLE 10 NORTH AMERICA RECHARGEABLE POLY LITHIUM-ION BATTERY MARKET BY APPLICATION, 2020 - 2026, USD MILLION

TABLE 11 NORTH AMERICA ELECTRIC VEHICLES RECHARGEABLE POLY LITHIUM-ION BATTERY MARKET BY COUNTRY, 2016 - 2019, USD MILLION

TABLE 12 NORTH AMERICA ELECTRIC VEHICLES RECHARGEABLE POLY LITHIUM-ION BATTERY MARKET BY COUNTRY, 2020 - 2026, USD MILLION

TABLE 13 NORTH AMERICA INDUSTRIAL RECHARGEABLE POLY LITHIUM-ION BATTERY MARKET BY COUNTRY, 2016 - 2019, USD MILLION

TABLE 14 NORTH AMERICA INDUSTRIAL RECHARGEABLE POLY LITHIUM-ION BATTERY MARKET BY COUNTRY, 2020 - 2026, USD MILLION

TABLE 15 NORTH AMERICA POWER RECHARGEABLE POLY LITHIUM-ION BATTERY MARKET BY COUNTRY, 2016 - 2019, USD MILLION

TABLE 16 NORTH AMERICA POWER RECHARGEABLE POLY LITHIUM-ION BATTERY MARKET BY COUNTRY, 2020 - 2026, USD MILLION

TABLE 17 NORTH AMERICA CONSUMER ELECTRONIC RECHARGEABLE POLY LITHIUM-ION BATTERY MARKET BY COUNTRY, 2016 - 2019, USD MILLION

TABLE 18 NORTH AMERICA CONSUMER ELECTRONIC RECHARGEABLE POLY



LITHIUM-ION BATTERY MARKET BY COUNTRY, 2020 - 2026, USD MILLION

TABLE 19 NORTH AMERICA OTHERS RECHARGEABLE POLY LITHIUM-ION BATTERY MARKET BY COUNTRY, 2016 - 2019, USD MILLION

TABLE 20 NORTH AMERICA OTHERS RECHARGEABLE POLY LITHIUM-ION BATTERY MARKET BY COUNTRY, 2020 - 2026, USD MILLION

TABLE 21 NORTH AMERICA RECHARGEABLE POLY LITHIUM-ION BATTERY MARKET BY COUNTRY, 2016 - 2019, USD MILLION

TABLE 22 NORTH AMERICA RECHARGEABLE POLY LITHIUM-ION BATTERY MARKET BY COUNTRY, 2020 - 2026, USD MILLION

TABLE 23 US RECHARGEABLE POLY LITHIUM-ION BATTERY MARKET, 2016 - 2019, USD MILLION

TABLE 24 US RECHARGEABLE POLY LITHIUM-ION BATTERY MARKET, 2020 - 2026, USD MILLION

TABLE 25 US RECHARGEABLE POLY LITHIUM-ION BATTERY MARKET BY STRUCTURE, 2016 - 2019, USD MILLION

TABLE 26 US RECHARGEABLE POLY LITHIUM-ION BATTERY MARKET BY STRUCTURE, 2020 - 2026, USD MILLION

TABLE 27 US RECHARGEABLE POLY LITHIUM-ION BATTERY MARKET BY APPLICATION, 2016 - 2019, USD MILLION

TABLE 28 US RECHARGEABLE POLY LITHIUM-ION BATTERY MARKET BY APPLICATION, 2020 - 2026, USD MILLION

TABLE 29 CANADA RECHARGEABLE POLY LITHIUM-ION BATTERY MARKET, 2016 - 2019, USD MILLION

TABLE 30 CANADA RECHARGEABLE POLY LITHIUM-ION BATTERY MARKET, 2020 - 2026, USD MILLION

TABLE 31 CANADA RECHARGEABLE POLY LITHIUM-ION BATTERY MARKET BY STRUCTURE, 2016 - 2019, USD MILLION

TABLE 32 CANADA RECHARGEABLE POLY LITHIUM-ION BATTERY MARKET BY STRUCTURE, 2020 - 2026, USD MILLION

TABLE 33 CANADA RECHARGEABLE POLY LITHIUM-ION BATTERY MARKET BY APPLICATION, 2016 - 2019, USD MILLION

TABLE 34 CANADA RECHARGEABLE POLY LITHIUM-ION BATTERY MARKET BY APPLICATION, 2020 - 2026, USD MILLION

TABLE 35 MEXICO RECHARGEABLE POLY LITHIUM-ION BATTERY MARKET, 2016 - 2019, USD MILLION

TABLE 36 MEXICO RECHARGEABLE POLY LITHIUM-ION BATTERY MARKET, 2020 - 2026, USD MILLION

TABLE 37 MEXICO RECHARGEABLE POLY LITHIUM-ION BATTERY MARKET BY STRUCTURE, 2016 - 2019, USD MILLION

TABLE 38 MEXICO RECHARGEABLE POLY LITHIUM-ION BATTERY MARKET BY STRUCTURE, 2020 - 2026, USD MILLION

TABLE 39 MEXICO RECHARGEABLE POLY LITHIUM-ION BATTERY MARKET BY APPLICATION, 2016 - 2019, USD MILLION

TABLE 40 MEXICO RECHARGEABLE POLY LITHIUM-ION BATTERY MARKET BY APPLICATION, 2020 - 2026, USD MILLION

TABLE 41 REST OF NORTH AMERICA RECHARGEABLE POLY LITHIUM-ION BATTERY MARKET, 2016 - 2019, USD MILLION

TABLE 42 REST OF NORTH AMERICA RECHARGEABLE POLY LITHIUM-ION BATTERY MARKET, 2020 - 2026, USD MILLION

TABLE 43 REST OF NORTH AMERICA RECHARGEABLE POLY LITHIUM-ION BATTERY MARKET BY STRUCTURE, 2016 - 2019, USD MILLION

TABLE 44 REST OF NORTH AMERICA RECHARGEABLE POLY LITHIUM-ION BATTERY MARKET BY STRUCTURE, 2020 - 2026, USD MILLION

TABLE 45 REST OF NORTH AMERICA RECHARGEABLE POLY LITHIUM-ION BATTERY MARKET BY APPLICATION, 2016 - 2019, USD MILLION

TABLE 46 REST OF NORTH AMERICA RECHARGEABLE POLY LITHIUM-ION BATTERY MARKET BY APPLICATION, 2020 - 2026, USD MILLION

TABLE 47 KEY INFORMATION –SAMSUNG ELECTRONICS CO., LTD.

TABLE 48 KEY INFORMATION – 3M COMPANY

TABLE 49 KEY INFORMATION – KONINKLIJKE PHILIPS N.V.

TABLE 50 KEY INFORMATION – MOTOROLA SOLUTIONS, INC.

TABLE 51 KEY INFORMATION – TOSHIBA CORPORATION

TABLE 52 KEY INFORMATION – FUJIFILM HOLDINGS CORPORATION

TABLE 53 KEY INFORMATION – OLYMPUS CORPORATION

TABLE 54 KEY INFORMATION – NIKON CORPORATION

TABLE 55 KEY INFORMATION – SONY CORPORATION

TABLE 56 KEY INFORMATION – LIPOL BATTERY CO., LTD.

## List Of Figures

### LIST OF FIGURES

FIG 1 METHODOLOGY FOR THE RESEARCH

FIG 2 SWOT ANALYSIS: SAMSUNG ELECTRONICS CO. LTD.

FIG 3 SWOT ANALYSIS: KONINKLIJKE PHILIPS N.V.

FIG 4 SWOT ANALYSIS: MOTOROLA SOLUTIONS, INC.

FIG 5 SWOT ANALYSIS: TOSHIBA CORPORATION

FIG 6 SWOT ANALYSIS: FUJIFILM HOLDINGS CORPORATION

FIG 7 SWOT ANALYSIS: SONY CORPORATION

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