

Global Battery Swapping Charging Infrastructure Market Size study & Forecast, by Vehicle Type (Two-Wheeler, Three-Wheeler, Passenger Vehicle, Commercial Vehicle), by Service Type (Pay-per-use, Subscription), and Regional Analysis, 2022-2029

<https://marketpublishers.com/r/G171DF89C117EN.html>

Date: January 2023

Pages: 200

Price: US\$ 4,950.00 (Single User License)

ID: G171DF89C117EN

Abstracts

Global Battery Swapping Charging Infrastructure Market is valued at approximately USD 166.5 million in 2021 and is anticipated to grow with a healthy growth rate of more than 20.2% over the forecast period 2022-2029. Battery swapping charging infrastructure enables EV owners to swap out discharged batteries of their vehicles with charged batteries at various swapping stations. Battery-swapping charging infrastructure presents a cost-efficient option to users. Factors such as the increasing number of government initiatives to encourage battery-swapping charging infrastructure, the rising adoption of low-cost and minimal-time charging infrastructure, and the growing need for public charging infrastructure are attributing to global market growth.

The rising adoption of Electric Vehicles (EVs) is exhibiting a positive influence on market growth in order to meet the rising consumer need. According to the Statista analysis, the total production of hybrid electric vehicles globally accounted for 2.9 million vehicles in 2020. Also, the number is projected to grow and reached 5.4 million vehicles by the year 2025. Therefore, these aforementioned factors are likely to accelerate market growth across the globe. Moreover, the introduction of innovative & advanced battery-swapping models and services, as well as the rising number of strategic initiatives by the key market players are presenting lucrative prospects over the forecasting years. However, the lack of standardization of EV Lithium-Ion battery packs and the high initial and operating costs required that are hampering the market growth throughout the forecast period of 2022-2029.

The key regions considered for the Global Battery Swapping Charging Infrastructure Market study include Asia Pacific, North America, Europe, Latin America, and the Rest of the World. The Asia Pacific dominated the market in terms of revenue, owing to the increasing number of initiatives by various governments, along with the rising demand for electric vehicles. Whereas, Europe is expected to grow with the highest CAGR during the forecast period, owing to factors such as increasing disposable income and various key market players focusing on intensifying their services in the market space.

Major market players included in this report are:

NIO Inc.

Gogoro Inc.

Leo Motors Inc.

Tesla Inc.

SUN Mobility Private Ltd.

BYD Co. Ltd.

BattSwap Inc.

Kwang Yang Motor Co. Ltd. (KYMCO)

Panasonic Corp.

Lithion Power Pvt. Ltd.

Recent Developments in the Market:

In May 2022, SUN Mobility declared that the company entered into a collaborative agreement with Greaves Electric for battery technology. The objective of this collaboration is to deploy swappable batteries for EVs, in both electric two-wheelers and electric three-wheelers, by utilizing the same charging infrastructure.

Global Battery Swapping Charging Infrastructure 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 Vehicle Type, Service Type, 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 Vehicle Type:

Two-Wheeler

Three-Wheeler

Passenger Vehicle

Commercial Vehicle

By Service Type:

Pay-per-use

Subscription

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 Million)
 - 1.2.1. Battery Swapping Charging Infrastructure Market, by Region, 2019-2029 (USD Million)
 - 1.2.2. Battery Swapping Charging Infrastructure Market, by Vehicle Type, 2019-2029 (USD Million)
 - 1.2.3. Battery Swapping Charging Infrastructure Market, by Service Type, 2019-2029 (USD Million)
- 1.3. Key Trends
- 1.4. Estimation Methodology
- 1.5. Research Assumption

CHAPTER 2. GLOBAL BATTERY SWAPPING CHARGING INFRASTRUCTURE 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 BATTERY SWAPPING CHARGING INFRASTRUCTURE MARKET DYNAMICS

- 3.1. Battery Swapping Charging Infrastructure Market Impact Analysis (2019-2029)
 - 3.1.1. Market Drivers
 - 3.1.1.1. Rising adoption of Electric Vehicles (EVs)
 - 3.1.1.2. Increasing number of government initiatives
 - 3.1.2. Market Challenges
 - 3.1.2.1. Lack of standardization of EV Lithium ion battery packs
 - 3.1.2.2. High initial and operating costs required
 - 3.1.3. Market Opportunities
 - 3.1.3.1. Introduction of innovative & advanced battery-swapping models and services
 - 3.1.3.2. Rising number of strategic initiatives by the key market players

CHAPTER 4. GLOBAL BATTERY SWAPPING CHARGING INFRASTRUCTURE 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 BATTERY SWAPPING CHARGING INFRASTRUCTURE MARKET, BY VEHICLE TYPE

- 6.1. Market Snapshot
- 6.2. Global Battery Swapping Charging Infrastructure Market by Vehicle Type, Performance - Potential Analysis
- 6.3. Global Battery Swapping Charging Infrastructure Market Estimates & Forecasts by Vehicle Type 2019-2029 (USD Million)
- 6.4. Battery Swapping Charging Infrastructure Market, Sub Segment Analysis
 - 6.4.1. Two-Wheeler
 - 6.4.2. Three-Wheeler
 - 6.4.3. Passenger Vehicle
 - 6.4.4. Commercial Vehicle

CHAPTER 7. GLOBAL BATTERY SWAPPING CHARGING INFRASTRUCTURE MARKET, BY SERVICE TYPE

7.1. Market Snapshot

7.2. Global Battery Swapping Charging Infrastructure Market by Service Type, Performance - Potential Analysis

7.3. Global Battery Swapping Charging Infrastructure Market Estimates & Forecasts by Service Type 2019-2029 (USD Million)

7.4. Battery Swapping Charging Infrastructure Market, Sub Segment Analysis

7.4.1. Pay-per-use

7.4.2. Subscription

CHAPTER 8. GLOBAL BATTERY SWAPPING CHARGING INFRASTRUCTURE MARKET, REGIONAL ANALYSIS

8.1. Battery Swapping Charging Infrastructure Market, Regional Market Snapshot

8.2. North America Battery Swapping Charging Infrastructure Market

8.2.1. U.S. Battery Swapping Charging Infrastructure Market

8.2.1.1. Vehicle Type breakdown estimates & forecasts, 2019-2029

8.2.1.2. Service Type breakdown estimates & forecasts, 2019-2029

8.2.2. Canada Battery Swapping Charging Infrastructure Market

8.3. Europe Battery Swapping Charging Infrastructure Market Snapshot

8.3.1. U.K. Battery Swapping Charging Infrastructure Market

8.3.2. Germany Battery Swapping Charging Infrastructure Market

8.3.3. France Battery Swapping Charging Infrastructure Market

8.3.4. Spain Battery Swapping Charging Infrastructure Market

8.3.5. Italy Battery Swapping Charging Infrastructure Market

8.3.6. Rest of Europe Battery Swapping Charging Infrastructure Market

8.4. Asia-Pacific Battery Swapping Charging Infrastructure Market Snapshot

8.4.1. China Battery Swapping Charging Infrastructure Market

8.4.2. India Battery Swapping Charging Infrastructure Market

8.4.3. Japan Battery Swapping Charging Infrastructure Market

8.4.4. Australia Battery Swapping Charging Infrastructure Market

8.4.5. South Korea Battery Swapping Charging Infrastructure Market

8.4.6. Rest of Asia Pacific Battery Swapping Charging Infrastructure Market

8.5. Latin America Battery Swapping Charging Infrastructure Market Snapshot

8.5.1. Brazil Battery Swapping Charging Infrastructure Market

8.5.2. Mexico Battery Swapping Charging Infrastructure Market

- 8.5.3. Rest of Latin America Battery Swapping Charging Infrastructure Market
- 8.6. Rest of The World Battery Swapping Charging Infrastructure Market

CHAPTER 9. COMPETITIVE INTELLIGENCE

- 9.1. Top Market Strategies
- 9.2. Company Profiles
 - 9.2.1. NIO Inc.
 - 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. Gogoro Inc.
 - 9.2.3. Leo Motors Inc.
 - 9.2.4. Tesla Inc.
 - 9.2.5. SUN Mobility Private Ltd.
 - 9.2.6. BYD Co. Ltd.
 - 9.2.7. BattSwap Inc.
 - 9.2.8. Kwang Yang Motor Co. Ltd. (KYMCO)
 - 9.2.9. Panasonic Corp.
 - 9.2.10. Lithion Power Pvt. Ltd.

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 Battery Swapping Charging Infrastructure Market, report scope

TABLE 2. Global Battery Swapping Charging Infrastructure Market estimates & forecasts by Region 2019-2029 (USD Million)

TABLE 3. Global Battery Swapping Charging Infrastructure Market estimates & forecasts by Vehicle Type 2019-2029 (USD Million)

TABLE 4. Global Battery Swapping Charging Infrastructure Market estimates & forecasts by Service Type 2019-2029 (USD Million)

TABLE 5. Global Battery Swapping Charging Infrastructure Market by segment, estimates & forecasts, 2019-2029 (USD Million)

TABLE 6. Global Battery Swapping Charging Infrastructure Market by region, estimates & forecasts, 2019-2029 (USD Million)

TABLE 7. Global Battery Swapping Charging Infrastructure Market by segment, estimates & forecasts, 2019-2029 (USD Million)

TABLE 8. Global Battery Swapping Charging Infrastructure Market by region, estimates & forecasts, 2019-2029 (USD Million)

TABLE 9. Global Battery Swapping Charging Infrastructure Market by segment, estimates & forecasts, 2019-2029 (USD Million)

TABLE 10. Global Battery Swapping Charging Infrastructure Market by region, estimates & forecasts, 2019-2029 (USD Million)

TABLE 11. Global Battery Swapping Charging Infrastructure Market by segment, estimates & forecasts, 2019-2029 (USD Million)

TABLE 12. Global Battery Swapping Charging Infrastructure Market by region, estimates & forecasts, 2019-2029 (USD Million)

TABLE 13. Global Battery Swapping Charging Infrastructure Market by segment, estimates & forecasts, 2019-2029 (USD Million)

TABLE 14. Global Battery Swapping Charging Infrastructure Market by region, estimates & forecasts, 2019-2029 (USD Million)

TABLE 15. U.S. Battery Swapping Charging Infrastructure Market estimates & forecasts, 2019-2029 (USD Million)

TABLE 16. U.S. Battery Swapping Charging Infrastructure Market estimates & forecasts by segment 2019-2029 (USD Million)

TABLE 17. U.S. Battery Swapping Charging Infrastructure Market estimates & forecasts by segment 2019-2029 (USD Million)

TABLE 18. Canada Battery Swapping Charging Infrastructure Market estimates & forecasts, 2019-2029 (USD Million)

TABLE 19. Canada Battery Swapping Charging Infrastructure Market estimates & forecasts by segment 2019-2029 (USD Million)

TABLE 20. Canada Battery Swapping Charging Infrastructure Market estimates & forecasts by segment 2019-2029 (USD Million)

TABLE 21. UK Battery Swapping Charging Infrastructure Market estimates & forecasts, 2019-2029 (USD Million)

TABLE 22. UK Battery Swapping Charging Infrastructure Market estimates & forecasts by segment 2019-2029 (USD Million)

TABLE 23. UK Battery Swapping Charging Infrastructure Market estimates & forecasts by segment 2019-2029 (USD Million)

TABLE 24. Germany Battery Swapping Charging Infrastructure Market estimates & forecasts, 2019-2029 (USD Million)

TABLE 25. Germany Battery Swapping Charging Infrastructure Market estimates & forecasts by segment 2019-2029 (USD Million)

TABLE 26. Germany Battery Swapping Charging Infrastructure Market estimates & forecasts by segment 2019-2029 (USD Million)

TABLE 27. France Battery Swapping Charging Infrastructure Market estimates & forecasts, 2019-2029 (USD Million)

TABLE 28. France Battery Swapping Charging Infrastructure Market estimates & forecasts by segment 2019-2029 (USD Million)

TABLE 29. France Battery Swapping Charging Infrastructure Market estimates & forecasts by segment 2019-2029 (USD Million)

TABLE 30. Italy Battery Swapping Charging Infrastructure Market estimates & forecasts, 2019-2029 (USD Million)

TABLE 31. Italy Battery Swapping Charging Infrastructure Market estimates & forecasts by segment 2019-2029 (USD Million)

TABLE 32. Italy Battery Swapping Charging Infrastructure Market estimates & forecasts by segment 2019-2029 (USD Million)

TABLE 33. Spain Battery Swapping Charging Infrastructure Market estimates & forecasts, 2019-2029 (USD Million)

TABLE 34. Spain Battery Swapping Charging Infrastructure Market estimates & forecasts by segment 2019-2029 (USD Million)

TABLE 35. Spain Battery Swapping Charging Infrastructure Market estimates & forecasts by segment 2019-2029 (USD Million)

TABLE 36. RoE Battery Swapping Charging Infrastructure Market estimates & forecasts, 2019-2029 (USD Million)

TABLE 37. RoE Battery Swapping Charging Infrastructure Market estimates & forecasts by segment 2019-2029 (USD Million)

TABLE 38. RoE Battery Swapping Charging Infrastructure Market estimates & forecasts

by segment 2019-2029 (USD Million)

TABLE 39. China Battery Swapping Charging Infrastructure Market estimates & forecasts, 2019-2029 (USD Million)

TABLE 40. China Battery Swapping Charging Infrastructure Market estimates & forecasts by segment 2019-2029 (USD Million)

TABLE 41. China Battery Swapping Charging Infrastructure Market estimates & forecasts by segment 2019-2029 (USD Million)

TABLE 42. India Battery Swapping Charging Infrastructure Market estimates & forecasts, 2019-2029 (USD Million)

TABLE 43. India Battery Swapping Charging Infrastructure Market estimates & forecasts by segment 2019-2029 (USD Million)

TABLE 44. India Battery Swapping Charging Infrastructure Market estimates & forecasts by segment 2019-2029 (USD Million)

TABLE 45. Japan Battery Swapping Charging Infrastructure Market estimates & forecasts, 2019-2029 (USD Million)

TABLE 46. Japan Battery Swapping Charging Infrastructure Market estimates & forecasts by segment 2019-2029 (USD Million)

TABLE 47. Japan Battery Swapping Charging Infrastructure Market estimates & forecasts by segment 2019-2029 (USD Million)

TABLE 48. South Korea Battery Swapping Charging Infrastructure Market estimates & forecasts, 2019-2029 (USD Million)

TABLE 49. South Korea Battery Swapping Charging Infrastructure Market estimates & forecasts by segment 2019-2029 (USD Million)

TABLE 50. South Korea Battery Swapping Charging Infrastructure Market estimates & forecasts by segment 2019-2029 (USD Million)

TABLE 51. Australia Battery Swapping Charging Infrastructure Market estimates & forecasts, 2019-2029 (USD Million)

TABLE 52. Australia Battery Swapping Charging Infrastructure Market estimates & forecasts by segment 2019-2029 (USD Million)

TABLE 53. Australia Battery Swapping Charging Infrastructure Market estimates & forecasts by segment 2019-2029 (USD Million)

TABLE 54. RoAPAC Battery Swapping Charging Infrastructure Market estimates & forecasts, 2019-2029 (USD Million)

TABLE 55. RoAPAC Battery Swapping Charging Infrastructure Market estimates & forecasts by segment 2019-2029 (USD Million)

TABLE 56. RoAPAC Battery Swapping Charging Infrastructure Market estimates & forecasts by segment 2019-2029 (USD Million)

TABLE 57. Brazil Battery Swapping Charging Infrastructure Market estimates & forecasts, 2019-2029 (USD Million)

TABLE 58. Brazil Battery Swapping Charging Infrastructure Market estimates & forecasts by segment 2019-2029 (USD Million)

TABLE 59. Brazil Battery Swapping Charging Infrastructure Market estimates & forecasts by segment 2019-2029 (USD Million)

TABLE 60. Mexico Battery Swapping Charging Infrastructure Market estimates & forecasts, 2019-2029 (USD Million)

TABLE 61. Mexico Battery Swapping Charging Infrastructure Market estimates & forecasts by segment 2019-2029 (USD Million)

TABLE 62. Mexico Battery Swapping Charging Infrastructure Market estimates & forecasts by segment 2019-2029 (USD Million)

TABLE 63. RoLA Battery Swapping Charging Infrastructure Market estimates & forecasts, 2019-2029 (USD Million)

TABLE 64. RoLA Battery Swapping Charging Infrastructure Market estimates & forecasts by segment 2019-2029 (USD Million)

TABLE 65. RoLA Battery Swapping Charging Infrastructure Market estimates & forecasts by segment 2019-2029 (USD Million)

TABLE 66. Row Battery Swapping Charging Infrastructure Market estimates & forecasts, 2019-2029 (USD Million)

TABLE 67. Row Battery Swapping Charging Infrastructure Market estimates & forecasts by segment 2019-2029 (USD Million)

TABLE 68. Row Battery Swapping Charging Infrastructure Market estimates & forecasts by segment 2019-2029 (USD Million)

TABLE 69. List of secondary sources, used in the study of global Battery Swapping Charging Infrastructure Market

TABLE 70. List of primary sources, used in the study of global Battery Swapping Charging Infrastructure 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 Battery Swapping Charging Infrastructure Market, research methodology

FIG 2. Global Battery Swapping Charging Infrastructure Market, Market estimation techniques

FIG 3. Global Market size estimates & forecast methods

FIG 4. Global Battery Swapping Charging Infrastructure Market, key trends 2021

FIG 5. Global Battery Swapping Charging Infrastructure Market, growth prospects 2022-2029

FIG 6. Global Battery Swapping Charging Infrastructure Market, porters 5 force model

FIG 7. Global Battery Swapping Charging Infrastructure Market, pest analysis

FIG 8. Global Battery Swapping Charging Infrastructure Market, value chain analysis

FIG 9. Global Battery Swapping Charging Infrastructure Market by segment, 2019 & 2029 (USD Million)

FIG 10. Global Battery Swapping Charging Infrastructure Market by segment, 2019 & 2029 (USD Million)

FIG 11. Global Battery Swapping Charging Infrastructure Market by segment, 2019 & 2029 (USD Million)

FIG 12. Global Battery Swapping Charging Infrastructure Market by segment, 2019 & 2029 (USD Million)

FIG 13. Global Battery Swapping Charging Infrastructure Market by segment, 2019 & 2029 (USD Million)

FIG 14. Global Battery Swapping Charging Infrastructure Market, regional snapshot 2019 & 2029

FIG 15. North America Battery Swapping Charging Infrastructure Market 2019 & 2029 (USD Million)

FIG 16. Europe Battery Swapping Charging Infrastructure Market 2019 & 2029 (USD Million)

FIG 17. Asia pacific Battery Swapping Charging Infrastructure Market 2019 & 2029 (USD Million)

FIG 18. Latin America Battery Swapping Charging Infrastructure Market 2019 & 2029 (USD Million)

FIG 19. Global Battery Swapping Charging Infrastructure Market, company Market share analysis (2021)

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

I would like to order

Product name: Global Battery Swapping Charging Infrastructure Market Size study & Forecast, by Vehicle Type (Two-Wheeler, Three-Wheeler, Passenger Vehicle, Commercial Vehicle), by Service Type (Pay-per-use, Subscription), and Regional Analysis, 2022-2029

Product link: <https://marketpublishers.com/r/G171DF89C117EN.html>

Price: US\$ 4,950.00 (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/G171DF89C117EN.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