

Indonesia Electric Two Wheeler Market, By Vehicle Type (Electric Motorcycle and Electric Scooters/Mopeds), By Battery Capacity (25 Ah), By Battery Type (Lead Acid and Li-ion), Competition, Forecast & Opportunities, 2025

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Abstracts

Indonesia electric two wheeler market was valued over USD 364.42 Million in 2019 and is forecast to grow at CAGR of 20.96% to reach USD 816.22 Million by 2025. This is due to increasing concerns about GHG emissions coupled with government support in the form of incentives and schemes aimed at encouraging the manufacturing of electric vehicles in the country. However, high charging time can hinder the growth of the market. Additionally, increasing online sales of electric vehicles coupled with growing domestic manufacturing would further steer growth in the Indonesia two wheeler market during the next five years.

Indonesia electric two wheeler market can be segregated based on vehicle type, battery capacity, battery type, region and company. In terms of battery type, market can be bifurcated into lithium ion and lead acid. Lead acid battery is expected to dominate the market until 2025 due to its cost effectiveness; however, the other battery type, i.e. lithium ion or Li-ion is expected to witness significant demand due to low charging time when compared with its lead acid counterparts. Based on vehicle type, electric moped or scooters dominated the market and the trend is likely to continue in the coming years as well. This is due to growing number of female drivers and maneuverability offered by moped or scooters.

Major companies operating in the electric two wheeler market of Indonesia include Viar Motor Indonesia, Shandong Incalcu Electric Vehicle Co., Ltd, Segway Inc., Zero Motorcycles, Inc., Selis (PT Juara Bike), Niu Indonesia and Garansindo Electric Scooter

ITS. Indonesia is the world's biggest producer of nickel ore, which is among the vital components of electric vehicle batteries. The companies are forming joint ventures to produce electric vehicle batteries in the country. For e.g.: Indonesia Battery Holding, new venture which is to be formed between state miners MIND ID and Aneka Tambang (ANTAM) to make batteries for electric vehicles in near future. The company will soon start the production of electric vehicles in the country.

Years considered for this report:

Historical Years: 2015-2018

Base Year: 2019

Estimated Year: 2020

Forecast Period: 2021–2025

Objective of the Study:

To analyze and forecast the market size of Indonesia electric two wheeler market, in terms of value.

To classify and forecast Indonesia electric two wheeler market based on vehicle type, battery capacity, battery type and regional distribution.

To identify drivers and challenges for Indonesia electric two wheeler market.

To examine competitive developments such as expansions, new product launches, mergers & acquisitions, etc., in Indonesia electric two wheeler market.

To conduct the pricing analysis for Indonesia electric two wheeler market.

To identify and analyze the profile of leading players operating in the Indonesia electric two wheeler market.

TechSci Research performed both primary as well as exhaustive secondary research for this study. Initially, TechSci Research sourced a list of manufacturers across the country. Subsequently, TechSci Research conducted primary research surveys with the identified companies. While interviewing, the respondents were also enquired about their competitors. Through this technique, TechSci Research could include the manufacturers which could not be identified due to the limitations of secondary research.

TechSci Research calculated the market size of Indonesia electric two wheeler market using a bottom-up approach, where data for various end-user segments was recorded and forecast for the future years. TechSci Research sourced these values from the industry experts and company representatives and externally validated through analyzing historical data of these product types and applications for getting an appropriate, overall market size. Various secondary sources such as company websites, news articles, press releases, company annual reports, investor presentations and financial reports were also studied by TechSci Research.

Key Target Audience:

Electric two wheeler manufacturers, distributors, suppliers and other stakeholders

Government bodies such as regulating authorities and policy makers

Organizations, forums and alliances related to electric two wheeler market

Market research and consulting firms

The study is useful in providing answers to several critical questions that are important for the industry stakeholders such as manufacturers and partners, end users, etc., besides allowing them in strategizing investments and capitalizing on market opportunities.

Report Scope:

In this report, Indonesia electric two wheeler market has been segmented into following categories, in addition to the industry trends which have also been detailed below:

Market, By Vehicle Type:

Electric Motorcycle

Electric Scooters/Mopeds

Market, By Battery Capacity:

25 Ah

Market, By Battery Type:

Lead Acid

Li-ion

Market, By Region:

Java

Sumatra

Kalimantan

Bali & Nusa Tenggara

Competitive Landscape

Company Profiles: Detailed analysis of the major companies present in Indonesia electric two wheeler market.

Available Customizations:

With the given market data, TechSci Research offers customizations according to a company's specific needs. The following customization options are available for the report:

Company Information

Detailed analysis and profiling of additional market players (up to five).

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- 3.Segway Inc.
- 4.Zero Motorcycles, Inc.
- 5.Selis (PT Juara Bike).
- 6.Niu Indonesia
- 7.Garansindo Electric Scooter ITS

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