

South Korea Electric Two-Wheeler Market Size, Share, Trends and Forecast by Vehicle Type, Battery Type, Voltage Type, Peak Power, Battery Technology, Motor Placement, and Region, 2026-2034

<https://marketpublishers.com/r/S0428A063850EN.html>

Date: July 2026

Pages: 121

Price: US\$ 2,999.00 (Single User License)

ID: S0428A063850EN

Abstracts

The South Korea electric two-wheeler market size reached USD 942.1 Million in 2025. The market is projected to reach USD 2,518.5 Million by 2034, exhibiting a growth rate (CAGR) of 11.20 % during 2026-2034. The market is driven by rising environmental concerns, government incentives for electric vehicle (EV) adoption, and strict emission regulations encouraging a shift from conventional to electric vehicles. Increasing fuel prices and growing urban traffic congestion boost demand for cost-effective, efficient mobility solutions. Advancements in battery technology, expanding charging infrastructure, and investments from leading manufacturers further accelerate adoption. Additionally, rising consumer preference for eco-friendly, low-maintenance transportation options supports the South Korea electric two-wheeler market share.

SOUTH KOREA ELECTRIC TWO-WHEELER MARKET TRENDS:

Government Support and Regulations

The South Korean government plays a significant South Korea electric two-wheeler market trends through favorable policies, subsidies, and tax incentives. Initiatives such as financial support for electric scooter and bike purchases, reduced registration fees, and investments in charging infrastructure make EV adoption more attractive to consumers. Moreover, stringent emission norms and urban clean air policies encourage the transition from internal combustion engine (ICE) vehicles to electric alternatives. Local governments are also promoting eco-friendly mobility in metropolitan areas, offering additional subsidies and dedicated parking zones for EVs. These supportive

frameworks significantly lower the total cost of ownership for electric two-wheelers, making them an appealing choice for individuals and businesses. As regulatory pressure to reduce carbon emissions intensifies, government intervention remains a strong catalyst for market expansion, ensuring sustained growth of electric two-wheelers in South Korea.

Rising Fuel Costs and Urban Congestion

Rising fuel costs in South Korea have increased consumer demand for affordable transport options, and electric two-wheelers are seen as a viable alternative to gasoline-powered vehicles. With lower energy costs and reduced maintenance requirements, electric two-wheelers significantly reduce operating costs compared to conventional scooters or motorcycles. Additionally, commuters have resorted to compact and effective mobility solutions as a result of chronic traffic congestion brought on by high-speed urbanization and growing population density in places like Seoul and Busan. Electric two-wheelers provide quicker travel along the congested urban roads, lesser commuting time, and less parking problem, so they are well suited for use in a city. Their silent running and lack of tailpipe emissions also solve environmental and noise pollution issues in the densely populated urban regions. Therefore, with economic savings, convenience, and environmental gains, the demand for electric two-wheelers is high in South Korea's metropolitan areas.

Technological Advancements and Infrastructure Development

Advancements in battery technology and infrastructure development are accelerating South Korea's electric two-wheeler market growth. High-performance lithium-ion batteries now offer longer ranges, faster charging, and greater durability, making electric scooters and bikes more practical for everyday use. The nation's charging infrastructure is expanding rapidly, with public EV chargers rising from ~34,000 in 2023 to ~47,000 in 2024 and plans for 4,400 additional fast chargers in 2025, supported by a 40% budget increase (KRW?620?Million, ~USD?425M), with 60% is allocated for fast/DC chargers. Innovations like battery swapping stations and portable chargers enhance convenience, effectively reducing range anxiety. Leading manufacturers are also integrating IoT connectivity, GPS tracking, and app-based controls, improving the overall riding experience. These advancements, combined with robust infrastructure growth, are boosting consumer confidence and making electric two-wheelers an increasingly attractive and viable mobility solution across South Korea.

SOUTH KOREA ELECTRIC TWO-WHEELER MARKET SEGMENTATION:

IMARC Group provides an analysis of the key trends in each segment of the market, along with forecasts at the country and regional levels for 2026-2034. Our report has categorized the market based on vehicle type, battery type, voltage type, peak power, battery technology, and motor placement.

Vehicle Type Insights:

Electric Scooter/Moped

Electric Motorcycle

The report has provided a detailed breakup and analysis of the market based on the vehicle type. This includes electric scooter/moped and electric motorcycle.

Battery Type Insights:

Lithium-Ion

Sealed Lead Acid (SLA)

A detailed breakup and analysis of the market based on the battery type have also been provided in the report. This includes lithium-ion and sealed lead acid (SLA).

Voltage Type Insights:

96V

A detailed breakup and analysis of the market based on the voltage type have also been provided in the report. This includes 96V.

Peak Power Insights:

10 kW

A detailed breakup and analysis of the market based on the peak power have also been provided in the report. This includes 10 kW.

Battery Technology Insights:

Removable

Non-Removable

A detailed breakup and analysis of the market based on the battery technology have also been provided in the report. This includes removable and non-removable.

Motor Placement Insights:

Hub Type

Chassis Mounted

A detailed breakup and analysis of the market based on the motor placement have also been provided in the report. This includes hub type and chassis mounted.

Regional Insights:

Seoul Capital Area

Yeongnam (Southeastern Region)

Honam (Southwestern Region)

Hoseo (Central Region)

Others

The report has also provided a comprehensive analysis of all the major regional markets, which include Seoul Capital Area, Yeongnam (Southeastern Region), Honam (Southwestern Region), Hoseo (Central Region), and others.

COMPETITIVE LANDSCAPE:

The market research report has also provided a comprehensive analysis of the competitive landscape. Competitive analysis such as market structure, key player positioning, top winning strategies, competitive dashboard, and company evaluation quadrant has been covered in the report. Also, detailed profiles of all major companies have been provided.

KEY QUESTIONS ANSWERED IN THIS REPORT

How has the South Korea electric two-wheeler market performed so far and how will it perform in the coming years?

What is the breakup of the South Korea electric two-wheeler market on the basis of vehicle type?

What is the breakup of the South Korea electric two-wheeler market on the basis of battery type?

What is the breakup of the South Korea electric two-wheeler market on the basis of voltage type?

What is the breakup of the South Korea electric two-wheeler market on the basis of peak power?

What is the breakup of the South Korea electric two-wheeler market on the basis of battery technology?

What is the breakup of the South Korea electric two-wheeler market on the basis of motor placement?

What is the breakup of the South Korea electric two-wheeler market on the basis of region?

What are the various stages in the value chain of the South Korea electric two-wheeler market?

What are the key driving factors and challenges in the South Korea electric two-wheeler market?

What is the structure of the South Korea electric two-wheeler market and who are the key players?

What is the degree of competition in the South Korea electric two-wheeler market?

Contents

1 PREFACE

2 SCOPE AND METHODOLOGY

- 2.1 Objectives of the Study
- 2.2 Stakeholders
- 2.3 Data Sources
 - 2.3.1 Primary Sources
 - 2.3.2 Secondary Sources
- 2.4 Market Estimation
 - 2.4.1 Bottom-Up Approach
 - 2.4.2 Top-Down Approach
- 2.5 Forecasting Methodology

3 EXECUTIVE SUMMARY

4 SOUTH KOREA ELECTRIC TWO-WHEELER MARKET - INTRODUCTION

- 4.1 Overview
- 4.2 Market Dynamics
- 4.3 Industry Trends
- 4.4 Competitive Intelligence

5 SOUTH KOREA ELECTRIC TWO-WHEELER MARKET LANDSCAPE

- 5.1 Historical and Current Market Trends (2020-2025)
- 5.2 Market Forecast (2026-2034)

6 SOUTH KOREA ELECTRIC TWO-WHEELER MARKET - BREAKUP BY VEHICLE TYPE

- 6.1 Electric Scooter/Moped
 - 6.1.1 Overview
 - 6.1.2 Historical and Current Market Trends (2020-2025)
 - 6.1.3 Market Forecast (2026-2034)
- 6.2 Electric Motorcycle
 - 6.2.1 Overview

6.2.2 Historical and Current Market Trends (2020-2025)

6.2.3 Market Forecast (2026-2034)

7 SOUTH KOREA ELECTRIC TWO-WHEELER MARKET - BREAKUP BY BATTERY TYPE

7.1 Lithium-Ion

7.1.1 Overview

7.1.2 Historical and Current Market Trends (2020-2025)

7.1.3 Market Forecast (2026-2034)

7.2 Sealed Lead Acid (SLA)

7.2.1 Overview

7.2.2 Historical and Current Market Trends (2020-2025)

7.2.3 Market Forecast (2026-2034)

8 SOUTH KOREA ELECTRIC TWO-WHEELER MARKET - BREAKUP BY VOLTAGE TYPE

8.1 96V

8.5.1 Overview

8.5.2 Historical and Current Market Trends (2020-2025)

8.5.3 Market Forecast (2026-2034)

9 SOUTH KOREA ELECTRIC TWO-WHEELER MARKET - BREAKUP BY PEAK POWER

9.1 10 kW

9.4.1 Overview

9.4.2 Historical and Current Market Trends (2020-2025)

9.4.3 Market Forecast (2026-2034)

10 SOUTH KOREA ELECTRIC TWO-WHEELER MARKET - BREAKUP BY BATTERY TECHNOLOGY

10.1 Removable

10.1.1 Overview

10.1.2 Historical and Current Market Trends (2020-2025)

10.1.3 Market Forecast (2026-2034)

10.2 Non-Removable

- 10.2.1 Overview
- 10.2.2 Historical and Current Market Trends (2020-2025)
- 10.2.3 Market Forecast (2026-2034)

11 SOUTH KOREA ELECTRIC TWO-WHEELER MARKET - BREAKUP BY MOTOR PLACEMENT

- 11.1 Hub Type
 - 11.1.1 Overview
 - 11.1.2 Historical and Current Market Trends (2020-2025)
 - 11.1.3 Market Forecast (2026-2034)
- 11.2 Chassis Mounted
 - 11.2.1 Overview
 - 11.2.2 Historical and Current Market Trends (2020-2025)
 - 11.2.3 Market Forecast (2026-2034)

12 SOUTH KOREA ELECTRIC TWO-WHEELER MARKET – BREAKUP BY REGION

- 12.1 Seoul Capital Area
 - 12.1.1 Overview
 - 12.1.2 Historical and Current Market Trends (2020-2025)
 - 12.1.3 Market Breakup by Vehicle Type
 - 12.1.4 Market Breakup by Battery Type
 - 12.1.5 Market Breakup by Voltage Type
 - 12.1.6 Market Breakup by Peak Power
 - 12.1.7 Market Breakup by Battery Technology
 - 12.1.8 Market Breakup by Motor Placement
 - 12.1.9 Key Players
 - 12.1.10 Market Forecast (2026-2034)
- 12.2 Yeongnam (Southeastern Region)
 - 12.2.1 Overview
 - 12.2.2 Historical and Current Market Trends (2020-2025)
 - 12.2.3 Market Breakup by Vehicle Type
 - 12.2.4 Market Breakup by Battery Type
 - 12.2.5 Market Breakup by Voltage Type
 - 12.2.6 Market Breakup by Peak Power
 - 12.2.7 Market Breakup by Battery Technology
 - 12.2.8 Market Breakup by Motor Placement
 - 12.2.9 Key Players

- 12.2.10 Market Forecast (2026-2034)
- 12.3 Honam (Southwestern Region)
 - 12.3.1 Overview
 - 12.3.2 Historical and Current Market Trends (2020-2025)
 - 12.3.3 Market Breakup by Vehicle Type
 - 12.3.4 Market Breakup by Battery Type
 - 12.3.5 Market Breakup by Voltage Type
 - 12.3.6 Market Breakup by Peak Power
 - 12.3.7 Market Breakup by Battery Technology
 - 12.3.8 Market Breakup by Motor Placement
 - 12.3.9 Key Players
 - 12.3.10 Market Forecast (2026-2034)
- 12.4 Hoseo (Central Region)
 - 12.4.1 Overview
 - 12.4.2 Historical and Current Market Trends (2020-2025)
 - 12.4.3 Market Breakup by Vehicle Type
 - 12.4.4 Market Breakup by Battery Type
 - 12.4.5 Market Breakup by Voltage Type
 - 12.4.6 Market Breakup by Peak Power
 - 12.4.7 Market Breakup by Battery Technology
 - 12.4.8 Market Breakup by Motor Placement
 - 12.4.9 Key Players
 - 12.4.10 Market Forecast (2026-2034)
- 12.5 Others
 - 12.5.1 Historical and Current Market Trends (2020-2025)
 - 12.5.2 Market Forecast (2026-2034)

13 SOUTH KOREA ELECTRIC TWO-WHEELER MARKET – COMPETITIVE LANDSCAPE

- 13.1 Overview
- 13.2 Market Structure
- 13.3 Market Player Positioning
- 13.4 Top Winning Strategies
- 13.5 Competitive Dashboard
- 13.6 Company Evaluation Quadrant

14 PROFILES OF KEY PLAYERS

14.1 Company A

14.1.1 Business Overview

14.1.2 Products Offered

14.1.3 Business Strategies

14.1.4 SWOT Analysis

14.1.5 Major News and Events

14.2 Company B

14.2.1 Business Overview

14.2.2 Products Offered

14.2.3 Business Strategies

14.2.4 SWOT Analysis

14.2.5 Major News and Events

14.3 Company C

14.3.1 Business Overview

14.3.2 Products Offered

14.3.3 Business Strategies

14.3.4 SWOT Analysis

14.3.5 Major News and Events

14.4 Company D

14.4.1 Business Overview

14.4.2 Products Offered

14.4.3 Business Strategies

14.4.4 SWOT Analysis

14.4.5 Major News and Events

14.5 Company E

14.5.1 Business Overview

14.5.2 Products Offered

14.5.3 Business Strategies

14.5.4 SWOT Analysis

14.5.5 Major News and Events

15 SOUTH KOREA ELECTRIC TWO-WHEELER MARKET - INDUSTRY ANALYSIS

15.1 Drivers, Restraints, and Opportunities

15.1.1 Overview

15.1.2 Drivers

15.1.3 Restraints

15.1.4 Opportunities

15.2 Porters Five Forces Analysis

- 15.2.1 Overview
- 15.2.2 Bargaining Power of Buyers
- 15.2.3 Bargaining Power of Suppliers
- 15.2.4 Degree of Competition
- 15.2.5 Threat of New Entrants
- 15.2.6 Threat of Substitutes
- 15.3 Value Chain Analysis

16 APPENDIX

I would like to order

Product name: South Korea Electric Two-Wheeler Market Size, Share, Trends and Forecast by Vehicle Type, Battery Type, Voltage Type, Peak Power, Battery Technology, Motor Placement, and Region, 2026-2034

Product link: <https://marketpublishers.com/r/S0428A063850EN.html>

Price: US\$ 2,999.00 (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/S0428A063850EN.html>