

# **Global E-Bike Market Size study, by Class (Class-I, Class-Ii and Class-Iii), Battery Type (Lithium-Ion, Lithium-Ion Polymer and Lead Acid and others), by Motor Type (Hub Motor and Mid Motor), by Mode (Pedal Assist Mode and Throttle Mode) and Regional Forecasts 2020-2026**

<https://marketpublishers.com/r/GA322F93DCC3EN.html>

Date: April 2020

Pages: 200

Price: US\$ 3,218.00 (Single User License)

ID: GA322F93DCC3EN

## **Abstracts**

Global E-Bike Market is valued approximately at USD 23 billion in 2019 and is anticipated to grow with a healthy growth rate of more than 9% over the forecast period 2020-2026. An electric bike is a bicycle, scooter, or motorcycle with an integrated electric motor for propulsion. It is either partly assisted by peddling or completely propelled through electric power. It is considered as a viable transportation option due to its power capacity, long distance range, and moderate speed and comes in various classes, such as pedelec/pedal assist (torque sensor, cadence drive), throttle on demand (twist grip, thumb & push button), and scooter/motorcycle. Rapid Urbanization, rising concerns regarding traffic congestion, rising bicycle tourism industry and increase in government initiatives to reduce emission level are the few factors responsible for growth of the market over the forecast period. For instance: according to arXiv®, the annual traffic congestion cost in UK will reach 33.4 billion US\$ by 2030, rising by over 50% from the 2014 levels of 20.5 billion US\$. Additionally, as per Ministry of Tourism, the number of tourists in India was 500 million in the year 2001 and has raised to 2700 million of tourism across the country in 2018. However, unplanned infrastructure in developing countries is the major factor restraining the growth of global E-Bike market during the forecast period.

The regional analysis of global E-Bike Market is considered for the key regions such as Asia Pacific, North America, Europe, Latin America and Rest of the World. North

America is the leading/significant region across the world in terms of market share owing to the increased urbanization and consumer desire to move away from cars to alternative mobility such as e-bikes. However, Asia-Pacific is anticipated to exhibit highest growth rate / CAGR over the forecast period of 2020-2026.

Major market player included in this report are:

Yamaha Motor Company Limited

Giant Manufacturing Co. Ltd.

Accell Group N.V.

Aima Technology Group Co. Ltd.

Yadea Group Holdings Ltd

Pedego Electric Bikes

Merida Industry Co. Ltd

Trek Bicycle Corporation

Specialized Bicycle Components, Inc.

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 eight years. The report is designed to incorporate both qualitative and quantitative aspects of the industry within each of the regions and countries involved in the study. Furthermore, the report also caters the detailed information about the crucial aspects such as driving factors & challenges which will define the future growth of the market. Additionally, the report shall also incorporate available 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 Class:

Class-I

Class-II

Class-III

By Battery Type:

Lithium-Ion

Lithium-Ion Polymer

Lead Acid

Others

By Motor Type:

Hub Motor

Mid Motor

By Mode:

Pedal Assist Mode  
Throttle Mode

By Region:

North America

U.S.

Canada

Europe

UK

Germany

Asia Pacific

China

India

Japan

Latin America

Brazil

Mexico

Rest of the World

Furthermore, years considered for the study are as follows:

Historical year – 2016, 2017, 2018

Base year – 2019

Forecast period – 2020 to 2026

Target Audience of the Global E-Bike Market in Market Study:

Key Consulting Companies & Advisors

Large, medium-sized, and small enterprises

Venture capitalists

Value-Added Resellers (VARs)

Third-party knowledge providers

Investment bankers

Investors

## Contents

### CHAPTER 1. EXECUTIVE SUMMARY

- 1.1. Market Snapshot
- 1.2. Global & Segmental Market Estimates & Forecasts, 2018-2026 (USD Billion)
  - 1.2.1. E-Bike Market, by Region, 2018-2026 (USD Billion)
  - 1.2.2. E-Bike Market, by Class, 2018-2026 (USD Billion)
  - 1.2.3. E-Bike Market, by Battery Type, 2018-2026 (USD Billion)
  - 1.2.4. E-Bike Market, by Motor Type, 2018-2026 (USD Billion)
  - 1.2.5. E-Bike Market, by Mode, 2018-2026 (USD Billion)
- 1.3. Key Trends
- 1.4. Estimation Methodology
- 1.5. Research Assumption

### CHAPTER 2. GLOBAL E-BIKE 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 E-BIKE MARKET DYNAMICS

- 3.1. E-Bike Market Impact Analysis (2018-2026)
  - 3.1.1. Market Drivers
  - 3.1.2. Market Challenges
  - 3.1.3. Market Opportunities

### CHAPTER 4. GLOBAL E-BIKE 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

- 4.1.6. Futuristic Approach to Porter's 5 Force Model (2016-2026)
- 4.2. PEST Analysis
  - 4.2.1. Political
  - 4.2.2. Economical
  - 4.2.3. Social
  - 4.2.4. Technological
- 4.3. Investment Adoption Model
- 4.4. Analyst Recommendation & Conclusion

## **CHAPTER 5. GLOBAL E-BIKE MARKET, BY CLASS**

- 5.1. Market Snapshot
- 5.2. Global E-Bike Market by Class, Performance - Potential Analysis
- 5.3. Global E-Bike Market Estimates & Forecasts by Class 2016-2026 (USD Billion)
- 5.4. E-Bike Market, Sub Segment Analysis
  - 5.4.1. Class-I
  - 5.4.2. Class-Ii
  - 5.4.3. Class-Iii

## **CHAPTER 6. GLOBAL E-BIKE MARKET, BY BATTERY TYPE**

- 6.1. Market Snapshot
- 6.2. Global E-Bike Market by Battery Type, Performance - Potential Analysis
- 6.3. Global E-Bike Market Estimates & Forecasts by Battery Type 2016-2026 (USD Billion)
- 6.4. E-Bike Market, Sub Segment Analysis
  - 6.4.1. Lithium-Ion
  - 6.4.2. Lithium-Ion Polymer
  - 6.4.3. Lead Acid
  - 6.4.4. Others

## **CHAPTER 7. GLOBAL E-BIKE MARKET, BY MOTOR TYPE**

- 7.1. Market Snapshot
- 7.2. Global E-Bike Market by Motor Type, Performance - Potential Analysis
- 7.3. Global E-Bike Market Estimates & Forecasts by Motor Type 2016-2026 (USD Billion)
- 7.4. E-Bike Market, Sub Segment Analysis
  - 7.4.1. Hub Motor

#### 7.4.2. Mid Motor

### **CHAPTER 8. GLOBAL E-BIKE MARKET, BY MODE**

#### 8.1. Market Snapshot

#### 8.2. Global E-Bike Market by Mode, Performance - Potential Analysis

#### 8.3. Global E-Bike Market Estimates & Forecasts by Mode 2016-2026 (USD Billion)

#### 8.4. E-Bike Market, Sub Segment Analysis

##### 8.4.1. Pedal Assist Mode

##### 8.4.2. Throttle Mode

### **CHAPTER 9. GLOBAL E-BIKE MARKET, REGIONAL ANALYSIS**

#### 9.1. E-Bike Market, Regional Market Snapshot

#### 9.2. North America E-Bike Market

##### 9.2.1. U.S. E-Bike Market

###### 9.2.1.1. Class breakdown estimates & forecasts, 2016-2026

###### 9.2.1.2. Battery Type breakdown estimates & forecasts, 2016-2026

###### 9.2.1.3. Motor Type breakdown estimates & forecasts, 2016-2026

###### 9.2.1.4. Mode breakdown estimates & forecasts, 2016-2026

##### 9.2.2. Canada E-Bike Market

#### 9.3. Europe E-Bike Market Snapshot

##### 9.3.1. U.K. E-Bike Market

##### 9.3.2. Germany E-Bike Market

##### 9.3.3. Rest of Europe E-Bike Market

#### 9.4. Asia-Pacific E-Bike Market Snapshot

##### 9.4.1. China E-Bike Market

##### 9.4.2. India E-Bike Market

##### 9.4.3. Japan E-Bike Market

##### 9.4.4. Rest of Asia Pacific E-Bike Market

#### 9.5. Latin America E-Bike Market Snapshot

##### 9.5.1. Brazil E-Bike Market

##### 9.5.2. Mexico E-Bike Market

#### 9.6. Rest of The World E-Bike Market

### **CHAPTER 10. COMPETITIVE INTELLIGENCE**

#### 10.1. Top Market Strategies

#### 10.2. Company Profiles

- 10.2.1. Yamaha Motor Company Limited
  - 10.2.1.1. Key Information
  - 10.2.1.2. Overview
  - 10.2.1.3. Financial (Subject to Data Availability)
  - 10.2.1.4. Product Summary
  - 10.2.1.5. Recent Developments
- 10.2.2. Giant Manufacturing Co. Ltd.
- 10.2.3. Accell Group N.V.
- 10.2.4. Aima Technology Group Co. Ltd.
- 10.2.5. Yadea Group Holdings Ltd
- 10.2.6. Pedego Electric Bikes
- 10.2.7. Merida Industry Co. Ltd
- 10.2.8. Trek Bicycle Corporation
- 10.2.9. Specialized Bicycle Components, Inc.

## **CHAPTER 11. RESEARCH PROCESS**

- 11.1. Research Process
  - 11.1.1. Data Mining
  - 11.1.2. Analysis
  - 11.1.3. Market Estimation
  - 11.1.4. Validation
  - 11.1.5. Publishing
- 11.2. Research Attributes
- 11.3. Research Assumption

## List Of Tables

### LIST OF TABLES

- TABLE 1. List of secondary sources, used in the study of global e-bike market
- TABLE 2. List of primary sources, used in the study of global e-bike market
- TABLE 3. Global e-bike market, report scope
- TABLE 4. Years considered for the study
- TABLE 5. Exchange rates considered
- TABLE 6. Global e-bike market estimates & forecasts by region 2016-2026 (usd billion)
- TABLE 7. Global e-bike market estimates & forecasts by class 2016-2026 (usd billion)
- TABLE 8. Global e-bike market estimates & forecasts by battery type 2016-2026 (usd billion)
- TABLE 9. Global e-bike market estimates & forecasts by motor type 2016-2026 (usd billion)
- TABLE 10. Global e-bike market estimates & forecasts by mode 2016-2026 (usd billion)
- TABLE 11. Global e-bike market by segment, estimates & forecasts, 2016-2026 (usd billion)
- TABLE 12. Global e-bike market by region, estimates & forecasts, 2016-2026 (usd billion)
- TABLE 13. Global e-bike market by segment, estimates & forecasts, 2016-2026 (usd billion)
- TABLE 14. Global e-bike market by region, estimates & forecasts, 2016-2026 (usd billion)
- TABLE 15. Global e-bike market by segment, estimates & forecasts, 2016-2026 (usd billion)
- TABLE 16. Global e-bike market by region, estimates & forecasts, 2016-2026 (usd billion)
- TABLE 17. Global e-bike market by segment, estimates & forecasts, 2016-2026 (usd billion)
- TABLE 18. Global e-bike market by region, estimates & forecasts, 2016-2026 (usd billion)
- TABLE 19. Global e-bike market by segment, estimates & forecasts, 2016-2026 (usd billion)
- TABLE 20. Global e-bike market by region, estimates & forecasts, 2016-2026 (usd billion)
- TABLE 21. Global e-bike market by segment, estimates & forecasts, 2016-2026 (usd billion)
- TABLE 22. Global e-bike market by region, estimates & forecasts, 2016-2026 (usd billion)



billion)

TABLE 23. Global e-bike market by segment, estimates & forecasts, 2016-2026 (usd billion)

TABLE 24. Global e-bike market by region, estimates & forecasts, 2016-2026 (usd billion)

TABLE 25. Global e-bike market by segment, estimates & forecasts, 2016-2026 (usd billion)

TABLE 26. Global e-bike market by region, estimates & forecasts, 2016-2026 (usd billion)

TABLE 27. Global e-bike market by segment, estimates & forecasts, 2016-2026 (usd billion)

TABLE 28. Global e-bike market by region, estimates & forecasts, 2016-2026 (usd billion)

TABLE 29. Global e-bike market by segment, estimates & forecasts, 2016-2026 (usd billion)

TABLE 30. Global e-bike market by region, estimates & forecasts, 2016-2026 (usd billion)

TABLE 31. Global e-bike market by segment, estimates & forecasts, 2016-2026 (usd billion)

TABLE 32. Global e-bike market by region, estimates & forecasts, 2016-2026 (usd billion)

TABLE 33. U.s. e-bike market estimates & forecasts, 2016-2026 (usd billion)

TABLE 34. U.s. e-bike market estimates & forecasts by segment 2016-2026 (usd billion)

TABLE 35. U.s. e-bike market estimates & forecasts by segment 2016-2026 (usd billion)

TABLE 36. U.s. e-bike market estimates & forecasts by segment 2016-2026 (usd billion)

TABLE 37. U.s. e-bike market estimates & forecasts by segment 2016-2026 (usd billion)

TABLE 38. Canada e-bike market estimates & forecasts, 2016-2026 (usd billion)

TABLE 39. Canada e-bike market estimates & forecasts by segment 2016-2026 (usd billion)

TABLE 40. Canada e-bike market estimates & forecasts by segment 2016-2026 (usd billion)

TABLE 41. Canada e-bike market estimates & forecasts by segment 2016-2026 (usd billion)

TABLE 42. Canada e-bike market estimates & forecasts by segment 2016-2026 (usd billion)

TABLE 43. Uk e-bike market estimates & forecasts, 2016-2026 (usd billion)

TABLE 44. Uk e-bike market estimates & forecasts by segment 2016-2026 (usd billion)

TABLE 45. Uk e-bike market estimates & forecasts by segment 2016-2026 (usd billion)

TABLE 46. Uk e-bike market estimates & forecasts by segment 2016-2026 (usd billion)

TABLE 47. Germany e-bike market estimates & forecasts, 2016-2026 (usd billion)

TABLE 48. Germany e-bike market estimates & forecasts by segment 2016-2026 (usd billion)

TABLE 49. Germany e-bike market estimates & forecasts by segment 2016-2026 (usd billion)

TABLE 50. Germany e-bike market estimates & forecasts by segment 2016-2026 (usd billion)

TABLE 51. Germany e-bike market estimates & forecasts by segment 2016-2026 (usd billion)

TABLE 52. Roe e-bike market estimates & forecasts, 2016-2026 (usd billion)

TABLE 53. Roe e-bike market estimates & forecasts by segment 2016-2026 (usd billion)

TABLE 54. Roe e-bike market estimates & forecasts by segment 2016-2026 (usd billion)

TABLE 55. Roe e-bike market estimates & forecasts by segment 2016-2026 (usd billion)

TABLE 56. Roe e-bike market estimates & forecasts by segment 2016-2026 (usd billion)

TABLE 57. China e-bike market estimates & forecasts, 2016-2026 (usd billion)

TABLE 58. China e-bike market estimates & forecasts by segment 2016-2026 (usd billion)

TABLE 59. China e-bike market estimates & forecasts by segment 2016-2026 (usd billion)

TABLE 60. China e-bike market estimates & forecasts by segment 2016-2026 (usd billion)

TABLE 61. China e-bike market estimates & forecasts by segment 2016-2026 (usd billion)

TABLE 62. India e-bike market estimates & forecasts, 2016-2026 (usd billion)

TABLE 63. India e-bike market estimates & forecasts by segment 2016-2026 (usd billion)

TABLE 64. India e-bike market estimates & forecasts by segment 2016-2026 (usd billion)

TABLE 65. India e-bike market estimates & forecasts by segment 2016-2026 (usd billion)

TABLE 66. India e-bike market estimates & forecasts by segment 2016-2026 (usd billion)

TABLE 67. Japan e-bike market estimates & forecasts, 2016-2026 (usd billion)

TABLE 68. Japan e-bike market estimates & forecasts by segment 2016-2026 (usd billion)

TABLE 69. Japan e-bike market estimates & forecasts by segment 2016-2026 (usd billion)

TABLE 70. Japan e-bike market estimates & forecasts by segment 2016-2026 (usd billion)

TABLE 71. Japan e-bike market estimates & forecasts by segment 2016-2026 (usd billion)

TABLE 72. Roapac e-bike market estimates & forecasts, 2016-2026 (usd billion)

TABLE 73. Roapac e-bike market estimates & forecasts by segment 2016-2026 (usd billion)

TABLE 74. Roapac e-bike market estimates & forecasts by segment 2016-2026 (usd billion)

TABLE 75. Roapac e-bike market estimates & forecasts by segment 2016-2026 (usd billion)

TABLE 76. Roapac e-bike market estimates & forecasts by segment 2016-2026 (usd billion)

TABLE 77. Brazil e-bike market estimates & forecasts, 2016-2026 (usd billion)

TABLE 78. Brazil e-bike market estimates & forecasts by segment 2016-2026 (usd billion)

TABLE 79. Brazil e-bike market estimates & forecasts by segment 2016-2026 (usd billion)

TABLE 80. Brazil e-bike market estimates & forecasts by segment 2016-2026 (usd billion)

TABLE 81. Brazil e-bike market estimates & forecasts by segment 2016-2026 (usd billion)

TABLE 82. Mexico e-bike market estimates & forecasts, 2016-2026 (usd billion)

TABLE 83. Mexico e-bike market estimates & forecasts by segment 2016-2026 (usd billion)

TABLE 84. Mexico e-bike market estimates & forecasts by segment 2016-2026 (usd billion)

TABLE 85. Mexico e-bike market estimates & forecasts by segment 2016-2026 (usd billion)

TABLE 86. Mexico e-bike market estimates & forecasts by segment 2016-2026 (usd billion)

TABLE 87. Rola e-bike market estimates & forecasts, 2016-2026 (usd billion)

TABLE 88. Rola e-bike market estimates & forecasts by segment 2016-2026 (usd billion)

TABLE 89. Rola e-bike market estimates & forecasts by segment 2016-2026 (usd billion)

TABLE 90. Rola e-bike market estimates & forecasts by segment 2016-2026 (usd billion)

billion)

TABLE 91. Rola e-bike market estimates & forecasts by segment 2016-2026 (usd billion)

TABLE 92. Row e-bike market estimates & forecasts, 2016-2026 (usd billion)

TABLE 93. Row e-bike market estimates & forecasts by segment 2016-2026 (usd billion)

TABLE 94. Row e-bike market estimates & forecasts by segment 2016-2026 (usd billion)

TABLE 95. Row e-bike market estimates & forecasts by segment 2016-2026 (usd billion)

TABLE 96. Row e-bike market estimates & forecasts by segment 2016-2026 (usd billion)

## List Of Figures

### LIST OF FIGURES

- FIG 1. Global e-bike market, research methodology
- FIG 2. Global e-bike market, market estimation techniques
- FIG 3. Global market size estimates & forecast methods
- FIG 4. Global e-bike market, key trends 2019
- FIG 5. Global e-bike market, growth prospects 2020-2026
- FIG 6. Global e-bike market, porters 5 force model
- FIG 7. Global e-bike market, pest analysis
- FIG 8. Global e-bike market, value chain analysis
- FIG 9. Global e-bike market by segment, 2016 & 2026 (usd billion)
- FIG 10. Global e-bike market by segment, 2016 & 2026 (usd billion)
- FIG 11. Global e-bike market by segment, 2016 & 2026 (usd billion)
- FIG 12. Global e-bike market by segment, 2016 & 2026 (usd billion)
- FIG 13. Global e-bike market by segment, 2016 & 2026 (usd billion)
- FIG 14. Global e-bike market by segment, 2016 & 2026 (usd billion)
- FIG 15. Global e-bike market by segment, 2016 & 2026 (usd billion)
- FIG 16. Global e-bike market by segment, 2016 & 2026 (usd billion)
- FIG 17. Global e-bike market by segment, 2016 & 2026 (usd billion)
- FIG 18. Global e-bike market by segment, 2016 & 2026 (usd billion)
- FIG 19. Global e-bike market by segment, 2016 & 2026 (usd billion)
- FIG 20. Global e-bike market, regional snapshot 2016 & 2026
- FIG 21. North america e-bike market 2016 & 2026 (usd billion)
- FIG 22. Europe e-bike market 2016 & 2026 (usd billion)
- FIG 23. Asia pacific e-bike market 2016 & 2026 (usd billion)
- FIG 24. Latin america e-bike market 2016 & 2026 (usd billion)
- FIG 25. Global e-bike market, company market share analysis (2019)

### COMPANIES MENTIONED

Yamaha Motor Company Limited  
Giant Manufacturing Co. Ltd.  
Accell Group N.V.  
Aima Technology Group Co. Ltd.  
Yadea Group Holdings Ltd  
Pedego Electric Bikes  
Merida Industry Co. Ltd

Trek Bicycle Corporation  
Specialized Bicycle Components, Inc.

## I would like to order

Product name: Global E-Bike Market Size study, by Class (Class-I, Class-Ii and Class-Iii), Battery Type (Lithium-Ion, Lithium-Ion Polymer and Lead Acid and others), by Motor Type (Hub Motor and Mid Motor), by Mode (Pedal Assist Mode and Throttle Mode) and Regional Forecasts 2020-2026

Product link: <https://marketpublishers.com/r/GA322F93DCC3EN.html>

Price: US\$ 3,218.00 (Single User License / Electronic Delivery)

If you want to order Corporate License or Hard Copy, please, contact our Customer Service:

[info@marketpublishers.com](mailto:info@marketpublishers.com)

## Payment

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click button on product page <https://marketpublishers.com/r/GA322F93DCC3EN.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