

# Electric Bicycle Market: Trends, Opportunities and Competitive Analysis

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## Abstracts

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### Electric Bicycle Market Trends and Forecast

The future of the global electric bicycle market looks promising with opportunities in the travelling, exercise/fitness, and recreational activities. The global electric bicycle market is expected to grow at a CAGR of 14.1% from 2021 to 2027. The major drivers for this market are increasing health conscious consumers, high traffic congestion, environmental concerns, and increasing government initiatives to promote cycling in order to reduce carbon emissions.

### Emerging Trends in the Electric Bicycle Market

Emerging trends, which have a direct impact on the dynamics of the industry, include development of luxury folding e-bikes and high tech electric bike with smartphone integration.

A total of 130 figures / charts and 72 tables are provided in this 178-page report to help in your business decisions. Sample figures with some insights are shown below. To learn the scope, benefits, companies researched, and other details of the global electric bicycle market report, please download the report brochure.

### Electric Bicycle Market by Segments

Lucintel forecasts that e-electric bicycle will remain the largest segment, and it is also

expected to witness the highest growth over the forecast period. The study includes trends and forecast for the global electric bicycle market by electric bicycle type, propulsion type, usage type, motor type, battery type, and region, as follows:

Electric Bicycle Market by Electric Bicycle Type (Value \$ Billion from 2016 to 2027):

Cargo

Fat Tire

Mountain

Standard

Others

Electric Bicycle Market by Propulsion Type (Value \$ Billion from 2016 to 2027):

Pedal Assisted Electric bicycles

Throttle on demand Electric bicycles

Electric Bicycle Market by Usage Type (Value \$ Billion from 2016 to 2027):

Travelling

Social

Exercise/Fitness

Others

Electric Bicycle Market by Motor Type (Value \$ Billion from 2016 to 2027):

Hub Motor

Mid Drive

Others

Electric Bicycle Market by Battery Type (Value \$ Billion from 2016 to 2027):

Lead Acid

Lithium Acid

Nickel Metal Hydride

Nickel Cadmium

Others

Electric Bicycle Market by Region [Value (\$ Billion) and Volume (Million Units) from 2016 to 2027]:

North America

o US

o Canada

o Mexico

Europe

o Germany

o United Kingdom

o France

- o Spain

- o Italy

#### Asia Pacific

- o China

- o Japan

- o India

- o South Korea

- o Australia

#### The Rest of the World

- o Brazil

### List of Electric Bicycle Companies

Companies in the market compete on the basis of product quality offered. Major players in this market focus on expanding their manufacturing facilities, R&D investments, infrastructural development, and leverage integration opportunities across the value chain. With these strategies electric bicycle companies cater increasing demand, ensure competitive effectiveness, develop innovative products & technologies, reduce production costs, and expand their customer base. Some of the electric bicycle companies profiled in this report includes.

Giant Manufacturing

Merida Industry Co. Ltd.

Accell Group NV

Pedego Electric Bikes

Leder 96

Cannondale

Ideal Bike Corporation

BH Bkies

Zhonglu

## Electric Bicycle Market Insights

Lucintel forecasts that cargo e-bikes will remain the largest segment and it is also expected to witness the highest growth over the forecast period due to increasing use in time-critical deliveries, such as parcels, mail and smaller shipments in the industries of food, building, and logistics.

Asia Pacific will remain the largest region over the forecast period due to the government initiatives to promote healthier lifestyles of citizens, development of cycling infrastructure, and increasing usage of electric bicycles as a sustainable mode of transportation.

## Features of the Global Electric Bicycle Market

**Market Size Estimates:** Global electric bicycle market size estimation in terms of value (\$B) and volume (million units) shipment.

**Trend and Forecast Analysis:** Market trends (2016-2021) and forecast (2022-2027) by various segments.

**Segmentation Analysis:** Global electric bicycle market size by various segments, such as by electric bicycle type, propulsion type, usage type, motor type, battery type in terms of value.

**Regional Analysis:** Global electric bicycle market breakdown by North America, Europe, Asia Pacific, and Rest of the World.

**Growth Opportunities:** Analysis of growth opportunities in different segments by electric bicycle type, propulsion type, usage type, motor type, battery type, and regions for the global electric bicycle market.

**Strategic Analysis:** This includes M&A, new product development, and competitive landscape of the global electric bicycle market.

**Analysis of competitive intensity of the industry based on Porter's Five Forces model**

## FAQ

Q1. What is the electric bicycle market size?

Answer: The global electric bicycle market is expected to reach an estimated \$27.4 billion by 2027.

Q2. What is the growth forecast for electric bicycle market?

Answer: The electric bicycle market is expected to grow at a CAGR of 14.1% from 2021 to 2027.

Q3. What are the major drivers influencing the growth of the electric bicycle market?

Answer: The major drivers for this market are increasing health conscious consumers, high traffic congestion, environmental concerns, and increasing government initiatives to promote cycling in order to reduce carbon emissions.

Q4. What are the major type or end use industries for electric bicycle?

Answer: Cargo is the major segment by propulsion type for electric bicycle.

Q5. What are the emerging trends in electric bicycle market?

Answer: Emerging trends, which have a direct impact on the dynamics of the industry, include development of luxury folding e-bikes and high-tech electric bike with smartphone integration.

Q6. Who are the key electric bicycle companies?

Answer: Some of the key electric bicycle companies are as follows:

Giant Manufacturing

Merida Industry Co. Ltd.

Accell Group NV

Pedego Electric Bikes

Leder 96

Cannondale

Ideal Bike Corporation

BH Bkies

Zhonglu

Q7. Which electric bicycle product segment will be the largest in future?

Answer: Lucintel forecasts that cargo e-bikes will remain the largest segment and it is also expected to witness the highest growth over the forecast period due to increasing use in time-critical deliveries, such as parcels, mail and smaller shipments in the industries of food, building, and logistics.

Q8. In electric bicycle market, which region is expected to be the largest in next 5 years?

Answer: Asia Pacific will remain the largest region over the forecast period due to the government initiatives to promote healthier lifestyles of citizens, development of cycling infrastructure, and increasing usage of electric bicycle s as a sustainable mode of transportation.

Q9. Do we receive customization in this report?

Answer: Yes, Lucintel provides 10% Customization Without any Additional Cost.

This report answers following 11 key questions

Q.1 What are some of the most promising growth opportunities for the global electric bicycle market by electric bicycle type (cargo, fat tire, mountain, standard, and others), by propulsion type (pedal assisted electric bicycle and throttle on demand electric bicycle), by usage type (traveling, social, exercise, and others), by motor type (hub motor, mid drive, and others), by battery type (lead acid, lithium acid, nickel metal hydride, nickel cadmium, and others), and region (North America, Europe, Asia Pacific, and the Rest of the World)?

Q.2 Which segments will grow at a faster pace and why?

Q.3 Which region will grow at a faster pace and why?

Q.4 What are the key factors affecting market dynamics? What are the drivers and challenges, and business risks in this market?

Q.5 What are the business risks and competitive threats in this market?

Q.6 What are the emerging trends in this market and the reasons behind them?

Q.7 What are some of the changing demands of customers in the market?

Q.8 What are the new developments in the market and which companies are leading these developments?

Q.9 Who are the major players in this market? What strategic initiatives are being taken by key players for business growth?

Q.10 What are some of the competing products in this market and how big of a threat do they pose for loss of market share by product substitution?

Q.11 What M&A activity has occurred in the last five years?



## Contents

### **1. EXECUTIVE SUMMARY**

### **2. MARKET BACKGROUND AND CLASSIFICATIONS**

2.1: Introduction, Background, and Classifications

2.2: Supply Chain

2.3: Industry Drivers and Challenges

### **3. MARKET TRENDS AND FORECAST ANALYSIS FROM 2016 TO 2027**

3.1: Macroeconomic Trends (2016-2021) and Forecast (2022-2027)

3.2: Global Electric Bicycle Market Trends (2016-2021) and Forecast (2022-2027)

3.3: Global Electric Bicycle Market by Propulsion Type

3.3.1: Pedal Assisted Electric Bicycle

3.3.2: Throttle on Demand Electric Bicycles

3.4: Global Electric Bicycle Market by Bicycle Type

3.4.1: Cargo Electric Bicycles

3.4.2: Fat Tire Electric Bicycles

3.4.3: Mountain Electric Bicycles

3.4.4: Standard Electric Bicycles

3.4.5: Others

3.5: Global Electric Bicycle Market by Usage Type

3.5.1: Transport

3.5.2: Municipal Services

3.5.3: Exercise

3.5.4: Others Usage

3.6: Global Electric Bicycle Market by Motor Type

3.6.1: Hub Motor

3.6.2: Mid Drive Motor

3.6.3: Other Motor Types

3.7: Global Electric Bicycle Market by Battery Type

3.7.1: Lead Acid

3.7.2: Lithium Ion

3.7.3: Nickel Metal Hydride

3.7.4: Nickel Cadmium

3.7.5: Other Battery Types

## **4. MARKET TRENDS AND FORECAST ANALYSIS BY REGION FROM 2016 TO 2027**

### 4.1: Global Electric Bicycle Market by Region

### 4.2: North American Electric Bicycle Market

#### 4.2.1: North American Electric Bicycle Market by Propulsion Type

#### 4.2.2: North American Electric Bicycle Market by Bicycle Type

#### 4.2.3: North American Electric Bicycle Market by Usage Type

#### 4.2.4: North American Electric Bicycle Market by Motor Type

#### 4.2.5: North American Electric Bicycle Market by Battery Type

#### 4.2.6: United States Electric Bicycle Market

#### 4.2.7: Canadian Electric Bicycle Market

#### 4.2.8: Mexican Electric Bicycle Market

### 4.3: European Electric Bicycle Market

#### 4.3.1: European Electric Bicycle Market by Propulsion Type

#### 4.3.2: European Electric Bicycle Market by Bicycle Type

#### 4.3.3: European Electric Bicycle Market by Usage Type

#### 4.3.4: European Electric Bicycle Market by Motor Type

#### 4.3.5: European Electric Bicycle Market by Battery Type

#### 4.3.6: German Electric Bicycle Market

#### 4.3.7: United Kingdom Electric Bicycle Market

#### 4.3.8: French Electric Bicycle Market

#### 4.3.9: Spanish Electric Bicycle Market

#### 4.3.10: Italian Electric Bicycle Market

### 4.4: APAC Electric Bicycle Market

#### 4.4.1: APAC Electric Bicycle Market by Propulsion Type

#### 4.4.2: APAC Electric Bicycle Market by Bicycle Type

#### 4.4.3: APAC Electric Bicycle Market by Usage Type

#### 4.4.4: APAC Electric Bicycle Market by Motor Type

#### 4.4.5: APAC Electric Bicycle Market by Battery Type

#### 4.4.6: Chinese Electric Bicycle Market

#### 4.4.7: Japanese Electric Bicycle Market

#### 4.4.8: Indian Electric Bicycle Market

#### 4.4.9: South Korean Electric Bicycle Market

#### 4.4.10: Australian Electric Bicycle Market

### 4.5: ROW Electric Bicycle Market

#### 4.5.1 ROW Electric Bicycle Market by Propulsion Type

#### 4.5.2: ROW Electric Bicycle Market by Bicycle Type

#### 4.5.3: ROW Electric Bicycle Market by Usage Type

- 4.5.4: ROW Electric Bicycle Market by Motor Type
- 4.5.5: ROW Electric Bicycle Market by Battery Type
- 4.5.6: Brazilian Electric Bicycle Market

## **5. COMPETITOR ANALYSIS**

- 5.1: Product Portfolio Analysis
- 5.2: Market Share Analysis
- 5.3: Geographical Reach
- 5.4: Porter's Five Forces Analysis

## **6. GROWTH OPPORTUNITIES AND STRATEGIC ANALYSIS**

- 6.1: Growth Opportunity Analysis
  - 6.1.1: Growth Opportunities for the Global Electric Bicycle Market by Propulsion Type
  - 6.1.2: Growth Opportunities for the Global Electric Bicycle Market by Bicycle Type
  - 6.1.3: Growth Opportunities for the Global Electric Bicycle Market by Usage Type
  - 6.1.4: Growth Opportunities for the Global Electric Bicycle Market by Motor Type
  - 6.1.5: Growth Opportunities for the Global Electric Bicycle Market by Battery Type
  - 6.1.6: Growth Opportunities for the Global Electric Bicycle Market by Region
- 6.2: Emerging Trends in the Global Electric Bicycle Market
- 6.3: Strategic Analysis
  - 6.3.1: New Product Development
  - 6.3.2: Mergers, Acquisitions, Joint Ventures, and Partnership in the Global Electric Bicycle Market
  - 6.3.3: Technology Development

## **7. COMPANY PROFILES OF LEADING PLAYERS**

- 7.1: Giant Manufacturing Co. Ltd.
- 7.2: Accel Group N.V.
- 7.3: Merida Industry Co. Ltd.
- 7.4: Pedego Electric Bikes
- 7.5: Ideal Bike Corporation
- 7.6: Leader
- 7.7: Cannondale Bicycle Corporation
- 7.8: BH Bikes
- 7.9: Zhonglu Group Co. Ltd.
- 7.10: Prodec Technologies

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