

E-Bike Market: Global Industry Trends, Share, Size, Growth, Opportunity and Forecast 2023-2028

<https://marketpublishers.com/r/E17AD0DF637BEN.html>

Date: January 2023

Pages: 110

Price: US\$ 2,499.00 (Single User License)

ID: E17AD0DF637BEN

Abstracts

The global e-bike market size reached US\$ 23.2 Billion in 2022. Looking forward, IMARC Group expects the market to reach US\$ 34.6 Billion by 2028, exhibiting a growth rate (CAGR) of 6.78% during 2023-2028. The growing environmental awareness among the masses, rising traction of shared micro-mobility services, and increasing technological advancements in enhancing the functionalities of e-bikes represent some of the key factors driving the market.

E-bikes are bicycles equipped with electrical motors for transforming electrical energy into mechanical energy to assist pedaling. They comprise rechargeable batteries that require minimum maintenance and provide power to the motor. They are commercially available in folding, cruiser, urban, mountain, snow, and commuter variants. They help minimize the utilization of fossil fuel-dependent cars with an eco-friendly and efficient way of traveling. They do not contribute to the negative impacts of global warming and climate change while reducing the emission of automobile exhausts into the air. E-bikes offer higher shelf life, allow users to travel uphill, and cover distances effortlessly. They also enable individuals with osteoarthritis, rheumatoid arthritis, and chronic joint pains to enjoy cycling without stressing their knees and thighs. They improve cardiovascular health, increase metabolism to lose weight, enhance muscle tone, and boost the immune system. They also assist in reducing traffic congestion on highways and roads by allowing individuals to ride through sidewalks and bike lanes around the world.

E-Bike Market Trends:

At present, the rising demand for e-bikes due to the increasing environmental awareness among the masses represents one of the key factors contributing to the growth of the market. Besides this, governing agencies of various countries are organizing campaigns to encourage the usage of e-bikes and reduce fossil fuel

expenditure, decrease air pollution levels, and improve air quality. They are also providing subsidies, constructing bicycle routes, and installing electric vehicle (EV) charging stations in public places to boost the sales of e-bikes. In addition, there is a rise in the integration of lithium-ion batteries in e-bikes for fast charging and optimizing the performance of the vehicle. This, coupled with the increasing utilization of mid-drive motors to lower maintenance costs and improve gear usage, is propelling the market growth. Apart from this, key market players are manufacturing connected e-bikes integrated with the internet of things (IoT) to intercept and transmit data from the cloud without using a smartphone. They are also incorporating multiple advanced features in e-bikes, such as automatic emergency calling, anti-theft systems, remote diagnostics, and integrated navigation, which is bolstering the growth of the market. Additionally, the growing adoption of e-bikes by logistic companies to travel longer distances at higher speeds and deliver packages is offering a favorable market outlook. Moreover, the increasing traction of shared micro-mobility across the globe to reduce travel expenses is supporting the market growth.

Key Market Segmentation:

IMARC Group provides an analysis of the key trends in each sub-segment of the global e-bike market report, along with forecasts at the global and regional level from 2023-2028. Our report has categorized the market based on mode, motor type, battery type, class, design and application.

Mode Insights:

Throttle

Pedal Assist

The report has provided a detailed breakup and analysis of the e-bike market based on the mode. This includes throttle and pedal assist. According to the report, pedal assist represented the largest segment.

Motor Type Insights:

Hub Motor

Mid Drive

Others

A detailed breakup and analysis of the e-bike market based on motor type has also been provided in the report. This includes hub motor, mid drive, and others. According

to the report, hub motor accounted for the largest market share.

Battery type Insights:

- Lead Acid
- Lithium Ion
- Nickel-Metal Hydride (NiMH)
- Others

A detailed breakup and analysis of the e-bike market based on the battery type has also been provided in the report. This includes lead acid, lithium ion, nickel-metal hydride (NiMH), and others. According to the report, lead acid accounted for the largest market share.

Class Insights:

- Class I
- Class II
- Class III

A detailed breakup and analysis of the e-bike market based on the class has also been provided in the report. This includes class I, class II, and class III. According to the report, class I accounted for the largest market share.

Design Insights:

- Foldable
- Non-Foldable

A detailed breakup and analysis of the e-bike market based on the design has also been provided in the report. This includes foldable and non-foldable. According to the report, non-foldable accounted for the largest market share.

Application Insights:

- Mountain/Trekking Bikes
- City/Urban
- Cargo
- Others

A detailed breakup and analysis of the e-bike market based on the application has also been provided in the report. This includes mountain/trekking bikes, city/urban, cargo, and others. According to the report, city/urban accounted for the largest market share.

Regional Insights:

Asia Pacific

Europe

North America

Middle East and Africa

Latin America

The report has also provided a comprehensive analysis of all the major regional markets that include Asia Pacific, Europe, North America, Middle East and Africa, and Latin America. According to the report, Asia-Pacific was the largest market for e-bikes. Some of the factors driving the Asia-Pacific e-bike market included the growing utilization of eco-friendly vehicles to reduce carbon footprints, rising adoption of healthy lifestyle habits to stay fit, and increasing number of bicycle-friendly streets across the region.

Competitive Landscape:

The report has also provided a comprehensive analysis of the competitive landscape in the global e-bike market. Detailed profiles of all major companies have also been provided. Some of the companies covered include Accell Group, BIONX International Corporation, Robert Bosch GmbH, Yamaha Motor Group, Derby Cycle Holding GmbH, Giant Group, Kwang Yang Motor Company Ltd, Merida & Centurion Germany GmbH (MCG), Samsung Electronics Co., Ltd, Continental AG, Prodeco Technologies LLC, Tianjin Fuji-ta Group Co., Ltd, Trek Bicycle Corporation, Pedego, Inc, and Shimano, Inc. Kindly note that this only represents a partial list of companies, and the complete list has been provided in the report.

Key Questions Answered in This Report

1. What was the global e-bike market size in 2022?
2. What will be the global e-bike market outlook during the forecast period (2023-2028)?
3. What are the global e-bike market drivers?
4. What are the major trends in the global e-bike market?
5. What is the impact of COVID-19 on the global e-bike market?
6. What is the global e-bike market breakup by mode?

7. What is the global e-bike market breakup by motor type?
8. What is the global e-bike market breakup by battery type?
9. What is the global e-bike market breakup by class?
10. What is the global e-bike market breakup by design?
11. What is the global e-bike market breakup by application?
12. What are the major regions in the global e-bike 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 INTRODUCTION

- 4.1 Overview
- 4.2 Key Industry Trends

5 GLOBAL E-BIKE MARKET

- 5.1 Market Overview
- 5.2 Market Performance
- 5.3 Impact of COVID-19
- 5.4 Market Breakup by Mode
- 5.5 Market Breakup by Motor Type
- 5.6 Market Breakup by Battery Type
- 5.7 Market Breakup by Class
- 5.8 Market Breakup by Design
- 5.9 Market Breakup by Application
- 5.10 Market Breakup by Region
- 5.11 Market Forecast

6 MARKET BREAKUP BY MODE

6.1 Throttle

6.1.1 Market Trends

6.1.2 Market Forecast

6.2 Pedal Assist

6.2.1 Market Trends

6.2.2 Market Forecast

7 MARKET BREAKUP BY MOTOR TYPE

7.1 Hub Motor

7.1.1 Market Trends

7.1.2 Market Forecast

7.2 Mid Drive

7.2.1 Market Trends

7.2.2 Market Forecast

7.3 Others

7.3.1 Market Trends

7.3.2 Market Forecast

8 MARKET BREAKUP BY BATTERY TYPE

8.1 Lead Acid

8.1.1 Market Trends

8.1.2 Market Forecast

8.2 Lithium Ion

8.2.1 Market Trends

8.2.2 Market Forecast

8.3 Nickel-Metal Hydride (NiMH)

8.3.1 Market Trends

8.3.2 Market Forecast

8.4 Others

8.4.1 Market Trends

8.4.2 Market Forecast

9 MARKET BREAKUP BY CLASS

9.1 Class I

9.1.1 Market Trends

9.1.2 Market Forecast

9.2 Class II

9.2.1 Market Trends

9.2.2 Market Forecast

9.3 Class III

9.3.1 Market Trends

9.3.2 Market Forecast

10 MARKET BREAKUP BY DESIGN

10.1 Foldable

10.1.1 Market Trends

10.1.2 Market Forecast

10.2 Non-Foldable

10.2.1 Market Trends

10.2.2 Market Forecast

11 MARKET BREAKUP BY APPLICATION

11.1 Mountain/Trekking Bikes

11.1.1 Market Trends

11.1.2 Market Forecast

11.2 City/Urban

11.2.1 Market Trends

11.2.2 Market Forecast

11.3 Cargo

11.3.1 Market Trends

11.3.2 Market Forecast

11.4 Others

11.4.1 Market Trends

11.4.2 Market Forecast

12 MARKET BREAKUP BY REGION

12.1 Asia Pacific

12.1.1 Market Trends

12.1.2 Market Forecast

12.2 Europe

12.2.1 Market Trends

12.2.2 Market Forecast

12.3 North America

12.3.1 Market Trends

12.3.2 Market Forecast

12.4 Middle East and Africa

12.4.1 Market Trends

12.4.2 Market Forecast

12.5 Latin America

12.5.1 Market Trends

12.5.2 Market Forecast

13 SWOT ANALYSIS

13.1 Overview

13.2 Strengths

13.3 Weaknesses

13.4 Opportunities

13.5 Threats

14 VALUE CHAIN ANALYSIS

15 PORTER'S FIVE FORCES ANALYSIS

15.1 Overview

15.2 Bargaining Power of Buyers

15.3 Bargaining Power of Suppliers

15.4 Degree of Competition

15.5 Threat of New Entrants

15.6 Threat of Substitutes

16 PRICE ANALYSIS

17 COMPETITIVE LANDSCAPE

17.1 Market Structure

17.2 Key Players

17.3 Profiles of Key Players

17.3.1 Accell Group

17.3.2 BIONX International Corporation

17.3.3 Robert Bosch GmbH

- 17.3.4 Yamaha Motor Group
- 17.3.5 Derby Cycle Holding GmbH
- 17.3.6 Giant Group
- 17.3.7 KWANG YANG MOTOR CO., LTD.
- 17.3.8 Merida & Centurion Germany GmbH (MCG)
- 17.3.9 Samsung Electronics Co., Ltd.
- 17.3.10 Continental AG
- 17.3.11 Prodeco Technologies LLC
- 17.3.12 Tianjin Fuji-ta Group Co., Ltd.
- 17.3.13 Trek Bicycle Corporation
- 17.3.14 PEDEGO INC
- 17.3.15 Shimano inc.

List Of Tables

LIST OF TABLES

Table 1: Global: E-Bike Market: Key Industry Highlights, 2022 and 2028

Table 2: Global: E-Bike Market Forecast: Breakup by Mode (in Million US\$), 2023-2028

Table 3: Global: E-Bike Market Forecast: Breakup by Motor Type (in Million US\$), 2023-2028

Table 4: Global: E-Bike Market Forecast: Breakup by Battery Type (in Million US\$), 2023-2028

Table 5: Global: E-Bike Market Forecast: Breakup by Class (in Million US\$), 2023-2028

Table 6: Global: E-Bike Market Forecast: Breakup by Design (in Million US\$), 2023-2028

Table 7: Global: E-Bike Market Forecast: Breakup by Application (in Million US\$), 2023-2028

Table 8: Global: E-Bike Market Forecast: Breakup by Region (in Million US\$), 2023-2028

Table 9: Global: E-Bike Market Structure

Table 10: Global: E-Bike Market: Key Players

List Of Figures

LIST OF FIGURES

- Figure 1: Global: E-Bike Market: Major Drivers and Challenges
- Figure 2: Global: E-Bike Market: Sales Value (in Billion US\$), 2017-2022
- Figure 3: Global: E-Bike Market: Breakup by Mode (in %), 2022
- Figure 4: Global: E-Bike Market: Breakup by Motor Type (in %), 2022
- Figure 5: Global: E-Bike Market: Breakup by Battery Type (in %), 2022
- Figure 6: Global: E-Bike Market: Breakup by Class (in %), 2022
- Figure 7: Global: E-Bike Market: Breakup by Design (in %), 2022
- Figure 8: Global: E-Bike Market: Breakup by Application (in %), 2022
- Figure 9: Global: E-Bike Market: Breakup by Region (in %), 2022
- Figure 10: Global: E-Bike Market Forecast: Sales Value (in Billion US\$), 2023-2028
- Figure 11: Global: E-Bike Industry: SWOT Analysis
- Figure 12: Global: E-Bike Industry: Value Chain Analysis
- Figure 13: Global: E-Bike Industry: Porter's Five Forces Analysis
- Figure 14: Global: E-Bike (Throttle) Market: Sales Value (in Million US\$), 2017 & 2022
- Figure 15: Global: E-Bike (Throttle) Market Forecast: Sales Value (in Million US\$), 2023-2028
- Figure 16: Global: E-Bike (Pedal Assist) Market: Sales Value (in Million US\$), 2017 & 2022
- Figure 17: Global: E-Bike (Pedal Assist) Market Forecast: Sales Value (in Million US\$), 2023-2028
- Figure 18: Global: E-Bike (Hub Motor) Market: Sales Value (in Million US\$), 2017 & 2022
- Figure 19: Global: E-Bike (Hub Motor) Market Forecast: Sales Value (in Million US\$), 2023-2028
- Figure 20: Global: E-Bike (Mid Drive) Market: Sales Value (in Million US\$), 2017 & 2022
- Figure 21: Global: E-Bike (Mid Drive) Market Forecast: Sales Value (in Million US\$), 2023-2028
- Figure 22: Global: E-Bike (Other Motor Types) Market: Sales Value (in Million US\$), 2017 & 2022
- Figure 23: Global: E-Bike (Other Motor Types) Market Forecast: Sales Value (in Million US\$), 2023-2028
- Figure 24: Global: E-Bike (Lead Acid) Market: Sales Value (in Million US\$), 2017 & 2022
- Figure 25: Global: E-Bike (Lead Acid) Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 26: Global: E-Bike (Lithium Ion) Market: Sales Value (in Million US\$), 2017 & 2022

Figure 27: Global: E-Bike (Lithium Ion) Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 28: Global: E-Bike (Nickel-Metal Hydride) Market: Sales Value (in Million US\$), 2017 & 2022

Figure 29: Global: E-Bike (Nickel-Metal Hydride) Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 30: Global: E-Bike (Other Battery Types) Market: Sales Value (in Million US\$), 2017 & 2022

Figure 31: Global: E-Bike (Other Battery Types) Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 32: Global: E-Bike (Class I) Market: Sales Value (in Million US\$), 2017 & 2022

Figure 33: Global: E-Bike (Class I) Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 34: Global: E-Bike (Class II) Market: Sales Value (in Million US\$), 2017 & 2022

Figure 35: Global: E-Bike (Class II) Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 36: Global: E-Bike (Class III) Market: Sales Value (in Million US\$), 2017 & 2022

Figure 37: Global: E-Bike (Class III) Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 38: Global: E-Bike (Foldable) Market: Sales Value (in Million US\$), 2017 & 2022

Figure 39: Global: E-Bike (Foldable) Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 40: Global: E-Bike (Non-Foldable) Market: Sales Value (in Million US\$), 2017 & 2022

Figure 41: Global: E-Bike (Non-Foldable) Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 42: Global: E-Bike (Mountain/Trekking Bikes) Market: Sales Value (in Million US\$), 2017 & 2022

Figure 43: Global: E-Bike (Mountain/Trekking Bikes) Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 44: Global: E-Bike (City/Urban) Market: Sales Value (in Million US\$), 2017 & 2022

Figure 45: Global: E-Bike (City/Urban) Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 46: Global: E-Bike (Cargo) Market: Sales Value (in Million US\$), 2017 & 2022

Figure 47: Global: E-Bike (Cargo) Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 48: Global: E-Bike (Other Applications) Market: Sales Value (in Million US\$), 2017 & 2022

Figure 49: Global: E-Bike (Other Applications) Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 50: Asia Pacific: E-Bike Market: Sales Value (in Million US\$), 2017 & 2022

Figure 51: Asia Pacific: E-Bike Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 52: Europe: E-Bike Market: Sales Value (in Million US\$), 2017 & 2022

Figure 53: Europe: E-Bike Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 54: North America: E-Bike Market: Sales Value (in Million US\$), 2017 & 2022

Figure 55: North America: E-Bike Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 56: Middle East and Africa: E-Bike Market: Sales Value (in Million US\$), 2017 & 2022

Figure 57: Middle East and Africa: E-Bike Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 58: Latin America: E-Bike Market: Sales Value (in Million US\$), 2017 & 2022

Figure 59: Latin America: E-Bike Market Forecast: Sales Value (in Million US\$), 2023-2028

I would like to order

Product name: E-Bike Market: Global Industry Trends, Share, Size, Growth, Opportunity and Forecast 2023-2028

Product link: <https://marketpublishers.com/r/E17AD0DF637BEN.html>

Price: US\$ 2,499.00 (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/E17AD0DF637BEN.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

