

Global Electric Mountain Bike Market Size Study, by Battery Capacity (250W–450W–650W), By Class (Class 1, Class 2, Class 3), By Speed (Up to 25 km/h, 25–45 km/h, Above 45 km/h), by Drive System (Chain Drive, Belt Drive), Mode (Pedal Assist, Throttle Assist), and Regional Forecasts 2025-2035

<https://marketpublishers.com/r/GAD2B2AC9271EN.html>

Date: March 2026

Pages: 285

Price: US\$ 3,750.00 (Single User License)

ID: GAD2B2AC9271EN

Abstracts

The Global Electric Mountain Bike Market was valued at approximately USD 15.44 billion in 2025 and is projected to expand at a compelling CAGR of 9.50% over the forecast period 2025–2035, backed by historical data from 2023 and 2025, with 2025 serving as the base year for estimation. Electric mountain bikes, engineered to blend pedal power with integrated electric propulsion, have rapidly evolved from niche recreational products into performance-driven mobility solutions. As urban congestion worsens and consumers increasingly trade passive transport for active lifestyles, electric mountain bikes have carved out a strong value proposition by combining endurance, sustainability, and adventure. This market's momentum is further carried forward by advancements in battery efficiency, lightweight frames, and intelligent motor control systems that significantly elevate riding experiences across terrains.

Rising environmental consciousness, coupled with policy-level encouragement for low-emission mobility, has pushed consumers and municipalities alike to lean into electric bicycles, particularly electric mountain bikes that cater to both recreational and utility use cases. Manufacturers are doubling down on innovation, rolling out modular battery systems, higher torque motors, and connected features that enhance safety and performance analytics. Simultaneously, changing consumer preferences—tilting toward outdoor fitness, trail sports, and premium cycling gear—have amplified demand across developed and emerging economies. While pricing sensitivity and battery replacement

costs remain notable hurdles, expanding charging infrastructure, falling battery costs, and broader acceptance of micromobility solutions continue to offset these challenges and unlock new growth corridors.

The detailed segments and sub-segments included in the report are:

By Battery Capacity:

250W–450W–650W

By Class:

Class 1

Class 2

Class 3

By Speed:

Up to 25 km/h

25–45 km/h

Above 45 km/h

By Drive System:

Chain Drive

Belt Drive

By Mode:

Pedal Assist

Throttle Assist

By Region:

North America

U.S.

Canada

Europe

UK

Germany

France

Italy

Spain

Rest of Europe

Asia Pacific

China

Japan

India

Australia

South Korea

Rest of Asia Pacific

Latin America

Brazil

Mexico

Middle East & Africa

UAE

South Africa

Rest of Middle East & Africa

Battery capacity in the >250W–450W–

Contents

CHAPTER 1. GLOBAL ELECTRIC MOUNTAIN BIKE MARKET REPORT SCOPE & METHODOLOGY

- 1.1. Research Objective
- 1.2. Research Methodology
 - 1.2.1. Forecast Model
 - 1.2.2. Desk Research
 - 1.2.3. Top Down and Bottom-Up Approach
- 1.3. Research Attributes
- 1.4. Scope of the Study
 - 1.4.1. Market Definition
 - 1.4.2. Market Segmentation
- 1.5. Research Assumption
 - 1.5.1. Inclusion & Exclusion
 - 1.5.2. Limitations
 - 1.5.3. Years Considered for the Study

CHAPTER 2. EXECUTIVE SUMMARY

- 2.1. CEO/CXO Standpoint
- 2.2. Strategic Insights
- 2.3. ESG Analysis
- 2.4. key Findings

CHAPTER 3. GLOBAL ELECTRIC MOUNTAIN BIKE MARKET FORCES ANALYSIS

- 3.1. Market Forces Shaping The Global Electric Mountain Bike Market (2025-2035)
- 3.2. Drivers
 - 3.2.1. urban congestion worsens and consumers increasingly trade passive transport for active lifestyles
 - 3.2.2. advancements in battery efficiency
- 3.3. Restraints
 - 3.3.1. pricing sensitivity and battery replacement costs
- 3.4. Opportunities
 - 3.4.1. Rising environmental consciousness

CHAPTER 4. GLOBAL ELECTRIC MOUNTAIN BIKE INDUSTRY ANALYSIS

Global Electric Mountain Bike Market Size Study, by Battery Capacity (<250W, >250W-<450W, >450W-<650W, >650W),...

- 4.1. Porter's 5 Forces Model
 - 4.1.1. Bargaining Power of Buyer
 - 4.1.2. Bargaining Power of Supplier
 - 4.1.3. Threat of New Entrants
 - 4.1.4. Threat of Substitutes
 - 4.1.5. Competitive Rivalry
- 4.2. Porter's 5 Force Forecast Model (2025-2035)
- 4.3. PESTEL Analysis
 - 4.3.1. Political
 - 4.3.2. Economical
 - 4.3.3. Social
 - 4.3.4. Technological
 - 4.3.5. Environmental
 - 4.3.6. Legal
- 4.4. Top Investment Opportunities
- 4.5. Top Winning Strategies (2025)
- 4.6. Market Share Analysis (2025-2025)
- 4.7. Global Pricing Analysis And Trends 2025
- 4.8. Analyst Recommendation & Conclusion

CHAPTER 5. GLOBAL ELECTRIC MOUNTAIN BIKE MARKET SIZE & FORECASTS BY BATTERY CAPACITY 2025-2035

- 5.1. Market Overview
- 5.2. Global Electric Mountain Bike Market Performance - Potential Analysis (2025)
- 5.3. 250W–450W–650W
 - 5.6.1. Top Countries Breakdown Estimates & Forecasts, 2025-2035
 - 5.6.2. Market size analysis, by region, 2025-2035

CHAPTER 6. GLOBAL ELECTRIC MOUNTAIN BIKE MARKET SIZE & FORECASTS BY CLASS 2025-2035

- 6.1. Market Overview
- 6.2. Global Electric Mountain Bike Market Performance - Potential Analysis (2025)
- 6.3. Class
 - 6.3.1. Top Countries Breakdown Estimates & Forecasts, 2025-2035
 - 6.3.2. Market size analysis, by region, 2025-2035
- 6.4. Class

- 6.4.1. Top Countries Breakdown Estimates & Forecasts, 2025-2035
- 6.4.2. Market size analysis, by region, 2025-2035
- 6.5. Class
 - 6.5.1. Top Countries Breakdown Estimates & Forecasts, 2025-2035
 - 6.5.2. Market size analysis, by region, 2025-2035

CHAPTER 7. GLOBAL ELECTRIC MOUNTAIN BIKE MARKET SIZE & FORECASTS BY SPEED 2025–2035

- 7.1. Market Overview
- 7.2. Global Electric Mountain Bike Market Performance - Potential Analysis (2025)
- 7.3. Up to 25 km/h
 - 7.3.1. Top Countries Breakdown Estimates & Forecasts, 2025-2035
 - 7.3.2. Market size analysis, by region, 2025-2035
- 7.4. 25–45 km/h
 - 7.4.1. Top Countries Breakdown Estimates & Forecasts, 2025-2035
 - 7.4.2. Market size analysis, by region, 2025-2035
- 7.5. Above 45 km/h
 - 7.5.1. Top Countries Breakdown Estimates & Forecasts, 2025-2035
 - 7.5.2. Market size analysis, by region, 2025-2035

CHAPTER 8. GLOBAL ELECTRIC MOUNTAIN BIKE MARKET SIZE & FORECASTS BY DRIVE SYSTEM 2025–2035

- 8.1. Market Overview
- 8.2. Global Electric Mountain Bike Market Performance - Potential Analysis (2025)
- 8.3. Chain Drive
 - 8.3.1. Top Countries Breakdown Estimates & Forecasts, 2025-2035
 - 8.3.2. Market size analysis, by region, 2025-2035
- 8.4. Belt Drive
 - 8.4.1. Top Countries Breakdown Estimates & Forecasts, 2025-2035
 - 8.4.2. Market size analysis, by region, 2025-2035

CHAPTER 9. GLOBAL ELECTRIC MOUNTAIN BIKE MARKET SIZE & FORECASTS BY MODE 2025–2035

- 9.1. Market Overview
- 9.2. Global Electric Mountain Bike Market Performance - Potential Analysis (2025)
- 9.3. Pedal Assist

- 9.3.1. Top Countries Breakdown Estimates & Forecasts, 2025-2035
- 9.3.2. Market size analysis, by region, 2025-2035
- 9.4. Throttle Assist
 - 9.4.1. Top Countries Breakdown Estimates & Forecasts, 2025-2035
 - 9.4.2. Market size analysis, by region, 2025-2035

CHAPTER 10. GLOBAL ELECTRIC MOUNTAIN BIKE MARKET SIZE & FORECASTS BY REGION 2025–2035

- 10.1. Growth Electric Mountain Bike Market, Regional Market Snapshot
- 10.2. Top Leading & Emerging Countries
- 10.3. North America Electric Mountain Bike Market
 - 10.3.1. U.S. Electric Mountain Bike Market
 - 10.3.1.1. Battery Capacity breakdown size & forecasts, 2025-2035
 - 10.3.1.2. Class breakdown size & forecasts, 2025-2035
 - 10.3.1.3. Speed breakdown size & forecasts, 2025-2035
 - 10.3.1.4. Drive System breakdown size & forecasts, 2025-2035
 - 10.3.1.5. Moed breakdown size & forecasts, 2025-2035
 - 10.3.2. Canada Electric Mountain Bike Market
 - 10.3.2.1. Battery Capacity breakdown size & forecasts, 2025-2035
 - 10.3.2.2. Class breakdown size & forecasts, 2025-2035
 - 10.3.2.3. Speed breakdown size & forecasts, 2025-2035
 - 10.3.2.4. Drive System breakdown size & forecasts, 2025-2035
 - 10.3.2.5. Moed breakdown size & forecasts, 2025-2035
- 10.4. Europe Electric Mountain Bike Market
 - 10.4.1. UK Electric Mountain Bike Market
 - 10.4.1.1. Battery Capacity breakdown size & forecasts, 2025-2035
 - 10.4.1.2. Class breakdown size & forecasts, 2025-2035
 - 10.4.1.3. Speed breakdown size & forecasts, 2025-2035
 - 10.4.1.4. Drive System breakdown size & forecasts, 2025-2035
 - 10.4.1.5. Moed breakdown size & forecasts, 2025-2035
 - 10.4.2. Germany Electric Mountain Bike Market
 - 10.4.2.1. Battery Capacity breakdown size & forecasts, 2025-2035
 - 10.4.2.2. Class breakdown size & forecasts, 2025-2035
 - 10.4.2.3. Speed breakdown size & forecasts, 2025-2035
 - 10.4.2.4. Drive System breakdown size & forecasts, 2025-2035
 - 10.4.2.5. Moed breakdown size & forecasts, 2025-2035
 - 10.4.3. France Electric Mountain Bike Market
 - 10.4.3.1. Battery Capacity breakdown size & forecasts, 2025-2035

- 10.4.3.2. Class breakdown size & forecasts, 2025-2035
- 10.4.3.3. Speed breakdown size & forecasts, 2025-2035
- 10.4.3.4. Drive System breakdown size & forecasts, 2025-2035
- 10.4.3.5. Moed breakdown size & forecasts, 2025-2035
- 10.4.4. Spain Electric Mountain Bike Market
 - 10.4.4.1. Battery Capacity breakdown size & forecasts, 2025-2035
 - 10.4.4.2. Class breakdown size & forecasts, 2025-2035
 - 10.4.4.3. Speed breakdown size & forecasts, 2025-2035
 - 10.4.4.4. Drive System breakdown size & forecasts, 2025-2035
 - 10.4.4.5. Moed breakdown size & forecasts, 2025-2035
- 10.4.5. Italy Electric Mountain Bike Market
 - 10.4.5.1. Battery Capacity breakdown size & forecasts, 2025-2035
 - 10.4.5.2. Class breakdown size & forecasts, 2025-2035
 - 10.4.5.3. Speed breakdown size & forecasts, 2025-2035
 - 10.4.5.4. Drive System breakdown size & forecasts, 2025-2035
 - 10.4.5.5. Moed breakdown size & forecasts, 2025-2035
- 10.4.6. Rest of Europe Electric Mountain Bike Market
 - 10.4.6.1. Battery Capacity breakdown size & forecasts, 2025-2035
 - 10.4.6.2. Class breakdown size & forecasts, 2025-2035
 - 10.4.6.3. Speed breakdown size & forecasts, 2025-2035
 - 10.4.6.4. Drive System breakdown size & forecasts, 2025-2035
 - 10.4.6.5. Moed breakdown size & forecasts, 2025-2035
- 10.5. Asia Pacific Electric Mountain Bike Market
 - 10.5.1. China Electric Mountain Bike Market
 - 10.5.1.1. Battery Capacity breakdown size & forecasts, 2025-2035
 - 10.5.1.2. Class breakdown size & forecasts, 2025-2035
 - 10.5.1.3. Speed breakdown size & forecasts, 2025-2035
 - 10.5.1.4. Drive System breakdown size & forecasts, 2025-2035
 - 10.5.1.5. Moed breakdown size & forecasts, 2025-2035
 - 10.5.2. India Electric Mountain Bike Market
 - 10.5.2.1. Battery Capacity breakdown size & forecasts, 2025-2035
 - 10.5.2.2. Class breakdown size & forecasts, 2025-2035
 - 10.5.2.3. Speed breakdown size & forecasts, 2025-2035
 - 10.5.2.4. Drive System breakdown size & forecasts, 2025-2035
 - 10.5.2.5. Moed breakdown size & forecasts, 2025-2035
 - 10.5.3. Japan Electric Mountain Bike Market
 - 10.5.3.1. Battery Capacity breakdown size & forecasts, 2025-2035
 - 10.5.3.2. Class breakdown size & forecasts, 2025-2035
 - 10.5.3.3. Speed breakdown size & forecasts, 2025-2035

- 10.5.3.4. Drive System breakdown size & forecasts, 2025-2035
- 10.5.3.5. Moed breakdown size & forecasts, 2025-2035
- 10.5.4. Australia Electric Mountain Bike Market
 - 10.5.4.1. Battery Capacity breakdown size & forecasts, 2025-2035
 - 10.5.4.2. Class breakdown size & forecasts, 2025-2035
 - 10.5.4.3. Speed breakdown size & forecasts, 2025-2035
 - 10.5.4.4. Drive System breakdown size & forecasts, 2025-2035
 - 10.5.4.5. Moed breakdown size & forecasts, 2025-2035
- 10.5.5. South Korea Electric Mountain Bike Market
 - 10.5.5.1. Battery Capacity breakdown size & forecasts, 2025-2035
 - 10.5.5.2. Class breakdown size & forecasts, 2025-2035
 - 10.5.5.3. Speed breakdown size & forecasts, 2025-2035
 - 10.5.5.4. Drive System breakdown size & forecasts, 2025-2035
 - 10.5.5.5. Moed breakdown size & forecasts, 2025-2035
- 10.5.6. Rest of APAC Electric Mountain Bike Market
 - 10.5.6.1. Battery Capacity breakdown size & forecasts, 2025-2035
 - 10.5.6.2. Class breakdown size & forecasts, 2025-2035
 - 10.5.6.3. Speed breakdown size & forecasts, 2025-2035
 - 10.5.6.4. Drive System breakdown size & forecasts, 2025-2035
 - 10.5.6.5. Moed breakdown size & forecasts, 2025-2035
- 10.6. Latin America Electric Mountain Bike Market
 - 10.6.1. Brazil Electric Mountain Bike Market
 - 10.6.1.1. Battery Capacity breakdown size & forecasts, 2025-2035
 - 10.6.1.2. Class breakdown size & forecasts, 2025-2035
 - 10.6.1.3. Speed breakdown size & forecasts, 2025-2035
 - 10.6.1.4. Drive System breakdown size & forecasts, 2025-2035
 - 10.6.1.5. Moed breakdown size & forecasts, 2025-2035
 - 10.6.2. Mexico Electric Mountain Bike Market
 - 10.6.2.1. Battery Capacity breakdown size & forecasts, 2025-2035
 - 10.6.2.2. Class breakdown size & forecasts, 2025-2035
 - 10.6.2.3. Speed breakdown size & forecasts, 2025-2035
 - 10.6.2.4. Drive System breakdown size & forecasts, 2025-2035
 - 10.6.2.5. Moed breakdown size & forecasts, 2025-2035
- 10.7. Middle East and Africa Electric Mountain Bike Market
 - 10.7.1. UAE Electric Mountain Bike Market
 - 10.7.1.1. Battery Capacity breakdown size & forecasts, 2025-2035
 - 10.7.1.2. Class breakdown size & forecasts, 2025-2035
 - 10.7.1.3. Speed breakdown size & forecasts, 2025-2035
 - 10.7.1.4. Drive System breakdown size & forecasts, 2025-2035

- 10.7.1.5. Moed breakdown size & forecasts, 2025-2035
- 10.7.2. Saudi Arabia (KSA) Electric Mountain Bike Market
 - 10.7.2.1. Battery Capacity breakdown size & forecasts, 2025-2035
 - 10.7.2.2. Class breakdown size & forecasts, 2025-2035
 - 10.7.2.3. Speed breakdown size & forecasts, 2025-2035
 - 10.7.2.4. Drive System breakdown size & forecasts, 2025-2035
 - 10.7.2.5. Moed breakdown size & forecasts, 2025-2035
- 10.7.3. South Africa Electric Mountain Bike Market
 - 10.7.3.1. Battery Capacity breakdown size & forecasts, 2025-2035
 - 10.7.3.2. Class breakdown size & forecasts, 2025-2035
 - 10.7.3.3. Speed breakdown size & forecasts, 2025-2035
 - 10.7.3.4. Drive System breakdown size & forecasts, 2025-2035
 - 10.7.3.5. Moed breakdown size & forecasts, 2025-2035

CHAPTER 11. COMPETITIVE INTELLIGENCE

- 11.1. Top Market Strategies
- 11.2. Shimano Inc.
 - 11.2.1. Company Overview
 - 11.2.2. Key Executives
 - 11.2.3. Company Snapshot
 - 11.2.4. Financial Performance (Subject to Data Availability)
 - 11.2.5. Product/Services Port
 - 11.2.6. Recent Development
 - 11.2.7. Market Strategies
 - 11.2.8. SWOT Analysis
- 11.3. Trek Bicycle Corporation
- 11.4. Yamaha Motor Co., Ltd.
- 11.5. Giant Manufacturing Co., Ltd.
- 11.6. Accell Group N.V.
- 11.7. Bosch eBike Systems
- 11.8. Specialized Bicycle Components, Inc.
- 11.9. Merida Industry Co., Ltd.
- 11.10. Brose Fahrzeugteile SE & Co. KG
- 11.11. Cannondale Bicycle Corporation
- 11.12. Pon.Bike Group
- 11.13. Haibike (Winora Group)
- 11.14. Cube Bikes
- 11.15. Santa Cruz Bicycles

11.16. Panasonic Corporation

List Of Tables

LIST OF TABLES

- Table 1. Global Electric Mountain Bike Market, Report Scope
- Table 2. Global Electric Mountain Bike Market Estimates & Forecasts By Region 2025–2035
- Table 3. Global Electric Mountain Bike Market Estimates & Forecasts By Segment 2025–2035
- Table 4. Global Electric Mountain Bike Market Estimates & Forecasts By Segment 2025–2035
- Table 5. Global Electric Mountain Bike Market Estimates & Forecasts By Segment 2025–2035
- Table 6. Global Electric Mountain Bike Market Estimates & Forecasts By Segment 2025–2035
- Table 7. Global Electric Mountain Bike Market Estimates & Forecasts By Segment 2025–2035
- Table 8. U.S. Electric Mountain Bike Market Estimates & Forecasts, 2025–2035
- Table 9. Canada Electric Mountain Bike Market Estimates & Forecasts, 2025–2035
- Table 10. UK Electric Mountain Bike Market Estimates & Forecasts, 2025–2035
- Table 11. Germany Electric Mountain Bike Market Estimates & Forecasts, 2025–2035
- Table 12. France Electric Mountain Bike Market Estimates & Forecasts, 2025–2035
- Table 13. Spain Electric Mountain Bike Market Estimates & Forecasts, 2025–2035
- Table 14. Italy Electric Mountain Bike Market Estimates & Forecasts, 2025–2035
- Table 15. Rest Of Europe Electric Mountain Bike Market Estimates & Forecasts, 2025–2035
- Table 16. China Electric Mountain Bike Market Estimates & Forecasts, 2025–2035
- Table 17. India Electric Mountain Bike Market Estimates & Forecasts, 2025–2035
- Table 18. Japan Electric Mountain Bike Market Estimates & Forecasts, 2025–2035
- Table 19. Australia Electric Mountain Bike Market Estimates & Forecasts, 2025–2035
- Table 20. South Korea Electric Mountain Bike Market Estimates & Forecasts, 2025–2035

.....

List Of Figures

LIST OF FIGURES

- Fig 1. Global Electric Mountain Bike Market, Research Methodology
 - Fig 2. Global Electric Mountain Bike Market, Market Estimation Techniques
 - Fig 3. Global Market Size Estimates & Forecast Methods
 - Fig 4. Global Electric Mountain Bike Market, Key Trends 2025
 - Fig 5. Global Electric Mountain Bike Market, Growth Prospects 2025–2035
 - Fig 6. Global Electric Mountain Bike Market, Porter’s Five Forces Model
 - Fig 7. Global Electric Mountain Bike Market, Pestel Analysis
 - Fig 8. Global Electric Mountain Bike Market, Value Chain Analysis
 - Fig 9. Electric Mountain Bike Market By Application, 2025 & 2035
 - Fig 10. Electric Mountain Bike Market By Segment, 2025 & 2035
 - Fig 11. Electric Mountain Bike Market By Segment, 2025 & 2035
 - Fig 12. Electric Mountain Bike Market By Segment, 2025 & 2035
 - Fig 13. Electric Mountain Bike Market By Segment, 2025 & 2035
 - Fig 14. North America Electric Mountain Bike Market, 2025 & 2035
 - Fig 15. Europe Electric Mountain Bike Market, 2025 & 2035
 - Fig 16. Asia Pacific Electric Mountain Bike Market, 2025 & 2035
 - Fig 17. Latin America Electric Mountain Bike Market, 2025 & 2035
 - Fig 18. Middle East & Africa Electric Mountain Bike Market, 2025 & 2035
 - Fig 19. Global Electric Mountain Bike Market, Company Market Share Analysis (2025)
-

I would like to order

Product name: Global Electric Mountain Bike Market Size Study, by Battery Capacity (<250W, >250W-<450W, >450W-<650W, >650W), By Class (Class 1, Class 2, Class 3), By Speed (Up to 25 km/h, 25-45 km/h, Above 45 km/h), by Drive System (Chain Drive, Belt Drive), Mode (Pedal Assist, Throttle Assist), and Regional Forecasts 2025-2035

Product link: <https://marketpublishers.com/r/GAD2B2AC9271EN.html>

Price: US\$ 3,750.00 (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/GAD2B2AC9271EN.html>