

# **U.S. Electric Mobility Market Size, Share & Trends Analysis Report By Product (Electric Scooter, Electric Bicycle, Electric Skateboard, Electric Motorcycle, Electric Car, Electric Wheelchair), By Battery, By Voltage, And Segment Forecasts, 2021 - 2028**

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## **Abstracts**

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### **U.S. Electric Mobility Market Growth & Trends**

The U.S. electric mobility market size is expected to reach USD 119.8 billion by 2028, expanding at a CAGR of 19.8% over the forecast period, as per the study conducted by Grand View Research, Inc. Surge in the adoption of electric vehicles, especially e-scooters among the youth, quick urbanization, and increasing purchasing capacity in the country are expected to significantly increase the demand for electric mobility in the U.S., thereby supporting the market growth. Furthermore, growing concerns about the rapidly rising carbon footprint and greenhouse gases from the transportation and automotive industries are encouraging state and country-level regulatory bodies to set up policies that promote the adoption of energy-efficient vehicles.

An increasing number of governments are setting regulations, objectives, and policies for electric vehicle deployment, signaling OEMs and other industry stakeholders to actively participate in the industry, and building confidence based on mobilizing investments and policy frameworks. For instance, the Alliance for Zero Emission Vehicle (ZEV), including the European region and its countries, Canadian provinces, and several states in the U.S., has announced that it will strive to make all passenger vehicle sales in the jurisdiction of the member countries and states ZEVs by 2050.

The increasing spread of the COVID-19 pandemic has resulted in a global economic slowdown. Lockdowns and restrictions implemented in various parts of the world to reduce the spread of the virus led to temporary termination of multiple production facilities and disruption in various supply chain activities in North America during the first half of 2020. However, with the ease of lockdown restrictions and a significant economic revival, the electric mobility market in the U.S. is expected to witness growth over the forecast period.

Some of the dominant players in the market are Accell Group, Airwheel Holding Limited, Derby Cycle, HARLEY-DAVIDSON, Honda Motor Co. Ltd., Invacare Corporation, Lohia Auto Industries, and Ninebot Ltd. These players focus on new product launches and partnerships and collaboration to enhance their offerings and geographic presence. For instance, in January 2021, Ninebot Ltd. announced a new e-scooter, Ninebot S Max, with steering wheels. It includes hand control steering wheels and a display unit. The built-in display helps riders monitor the scooter's speed in real-time.

#### U.S. Electric Mobility Market Report Highlights

Based on product, the electric car segment is expected to dominate the market owing to significant demand among the youth and elderly population

Based on voltage, the 24V segment dominated the market with a 37.9% revenue share in 2020

Based on battery, the sealed lead acid segment accounted for 23.6% market share in 2020. However, the Li-Ion battery segment is anticipated to expand at a CAGR of 20.9% over the forecast period

Prominent industry participants include Accell Group, Airwheel Holding Limited, Derby Cycle, HARLEY-DAVIDSON, and Honda Motor Co. Ltd.

## Contents

### **CHAPTER 1 METHODOLOGY AND SCOPE**

- 1.1. Market Segmentation and Scope
- 1.2. Market Definition
- 1.3. Information Procurement
  - 1.3.1. Purchased database
  - 1.3.2. GVR's internal database
  - 1.3.3. Secondary sources & third-party perspectives
  - 1.3.4. Primary research
- 1.4. Information Analysis
- 1.5. Market Formulation and Data Visualization
- 1.6. Data Validation and Publishing

### **CHAPTER 2. EXECUTIVE SUMMARY**

### **CHAPTER 3. U.S. ELECTRIC MOBILITY MARKET VARIABLES, TRENDS, AND SCOPE**

- 3.1. Penetration and Growth Prospect Mapping
- 3.2. Market Dynamics
  - 3.2.1. Market driver analysis
  - 3.2.2. Market challenge analysis
- 3.3. Industry Value Chain Analysis
- 3.4. Business Environment Analysis Tools
  - 3.4.1. Industry analysis - Porter's five forces analysis
  - 3.4.2. PEST analysis
- 3.5. U.S. Electric Mobility Market: Key Company Analysis, 2020
- 3.6. Impact of COVID-19 on the U.S. Electric Mobility Market

### **CHAPTER 4. U.S. ELECTRIC MOBILITY MARKET PRODUCT SEGMENT ANALYSIS**

- 4.1. Electric Scooter
  - 4.1.1. Electric Scooter U.S. Electric Mobility market, 2018 - 2028 (USD Million)
- 4.2. Electric Bicycle
  - 4.2.1. Electric Bicycle U.S. Electric Mobility market, 2018 - 2028 (USD Million)
- 4.3. Electric Skateboard
  - 4.3.1. Electric Skateboard U.S. Electric Mobility market, 2018 - 2028 (USD Million)

#### 4.4. Electric Motorcycle

4.4.1. Electric Motorcycle U.S. Electric Mobility market, 2018 - 2028 (USD Million)

#### 4.5. Electric Car

4.5.1. Electric Car U.S. Electric Mobility market, 2018 - 2028 (USD Million)

#### 4.6. Electric Wheelchair

4.6.1. Electric Wheelchair U.S. Electric Mobility market, 2018 - 2028 (USD Million)

### **CHAPTER 5. U.S. ELECTRIC SCOOTER MARKET PRODUCT SEGMENT ANALYSIS**

#### 5.1. Retro

5.1.1. Retro U.S. Electric Scooter market, 2018 - 2028 (USD Million)

#### 5.2. Standing/Self-balancing

5.2.1. Standing/Self-Balancing U.S. Electric Scooter market, 2018 - 2028 (USD Million)

#### 5.3. Folding

5.3.1. Folding U.S. Electric Scooter market, 2018 - 2028 (USD Million)

### **CHAPTER 6. U.S. ELECTRIC MOBILITY MARKET BATTERY SEGMENT ANALYSIS**

#### 6.1. Sealed Lead Acid

6.1.1. Sealed lead acid U.S. Electric Mobility market, 2018 - 2028 (USD Million)

#### 6.2. NiMh

6.2.1. NiMh U.S. Electric Mobility market, 2018 - 2028 (USD Million)

#### 6.3. Li-Ion

6.3.1. Li-Ion U.S. Electric Mobility market, 2018 - 2028 (USD Million)

### **CHAPTER 7. U.S. ELECTRIC MOBILITY MARKET VOLTAGE SEGMENT ANALYSIS**

#### 7.1. 24V

7.1.1. 24V U.S. Electric Mobility market, 2018 - 2028 (USD Million)

#### 7.2. 36V

7.2.1. 36V U.S. Electric Mobility market, 2018 - 2028 (USD Million)

#### 7.3. 48V

7.3.1. 48V U.S. Electric Mobility market, 2018 - 2028 (USD Million)

#### 7.4. Greater than 48V

7.4.1. Greater than 48V U.S. Electric Mobility market, 2018 - 2028 (USD Million)

### **CHAPTER 8. COMPETITIVE LANDSCAPE**

- 8.1. Accell Group
  - 8.1.1. Company Overview
  - 8.1.2. Financial Performance
  - 8.1.3. Product Benchmarking
  - 8.1.4. Strategic Initiatives
- 8.2. Airwheel Holding Limited
  - 8.2.1. Company Overview
  - 8.2.2. Financial Performance
  - 8.2.3. Product Benchmarking
  - 8.2.4. Strategic Initiatives
- 8.3. Derby Cycle
  - 8.3.1. Company Overview
  - 8.3.2. Financial Performance
  - 8.3.3. Product Benchmarking
  - 8.3.4. Strategic Initiatives
- 8.4. HARLEY-DAVIDSON
  - 8.4.1. Company Overview
  - 8.4.2. Financial Performance
  - 8.4.3. Product Benchmarking
  - 8.4.4. Strategic Initiatives
- 8.5. Honda Motor Co. Ltd.
  - 8.5.1. Company Overview
  - 8.5.2. Financial Performance
  - 8.5.3. Product Benchmarking
  - 8.5.4. Strategic Initiatives
- 8.6. Invacare Corporation
  - 8.6.1. Company Overview
  - 8.6.2. Financial Performance
  - 8.6.3. Product Benchmarking
  - 8.6.4. Strategic Initiatives
- 8.7. Lightning Motorcycles
  - 8.7.1. Company Overview
  - 8.7.2. Financial Performance
  - 8.7.3. Product Benchmarking
  - 8.7.4. Strategic Initiatives
- 8.8. LOHIA AUTO INDUSTRIES
  - 8.8.1. Company Overview
  - 8.8.2. Financial Performance
  - 8.8.3. Product Benchmarking

- 8.8.4. Strategic Initiatives
- 8.9. Ninebot Ltd.
  - 8.9.1. Company Overview
  - 8.9.2. Financial Performance
  - 8.9.3. Product Benchmarking
  - 8.9.4. Strategic Initiatives
- 8.10. Nissan Motor Co., Ltd
  - 8.10.1. Company Overview
  - 8.10.2. Financial Performance
  - 8.10.3. Product Benchmarking
  - 8.10.4. Strategic Initiatives
- 8.11. OttoBock
  - 8.11.1. Company Overview
  - 8.11.2. Financial Performance
  - 8.11.3. Product Benchmarking
  - 8.11.4. Strategic Initiatives
- 8.12. Tesla
  - 8.12.1. Company Overview
  - 8.12.2. Financial Performance
  - 8.12.3. Product Benchmarking
  - 8.12.4. Strategic Initiatives
- 8.13. Zero Motorcycles Inc.
  - 8.13.1. Company Overview
  - 8.13.2. Financial Performance
  - 8.13.3. Product Benchmarking
  - 8.13.4. Strategic Initiatives
- 8.14. BMW Motorrad International
  - 8.14.1. Company Overview
  - 8.14.2. Financial Performance
  - 8.14.3. Product Benchmarking
  - 8.14.4. Strategic Initiatives
- 8.15. Gogoro, Inc.
  - 8.15.1. Company Overview
  - 8.15.2. Financial Performance
  - 8.15.3. Product Benchmarking
  - 8.15.4. Strategic Initiatives
- 8.16. KTM AG
  - 8.16.1. Company Overview
  - 8.16.2. Financial Performance

- 8.16.3. Product Benchmarking
- 8.16.4. Strategic Initiatives
- 8.17. GenZe by Mahindra
  - 8.17.1. Company Overview
  - 8.17.2. Financial Performance
  - 8.17.3. Product Benchmarking
  - 8.17.4. Strategic Initiatives
- 8.18. Suzuki Motor Corporation
  - 8.18.1. Company Overview
  - 8.18.2. Financial Performance
  - 8.18.3. Product Benchmarking
  - 8.18.4. Strategic Initiatives
- 8.19. Terra Motors Corporation
  - 8.19.1. Company Overview
  - 8.19.2. Financial Performance
  - 8.19.3. Product Benchmarking
  - 8.19.4. Strategic Initiatives
- 8.20. Vmoto Limited
  - 8.20.1. Company Overview
  - 8.20.2. Financial Performance
  - 8.20.3. Product Benchmarking
  - 8.20.4. Strategic Initiatives
- 8.21. Yadea Technology Group Co., Ltd.
  - 8.21.1. Company Overview
  - 8.21.2. Financial Performance
  - 8.21.3. Product Benchmarking
  - 8.21.4. Strategic Initiatives
- 8.22. Yamaha Motor Company Limited
  - 8.22.1. Company Overview
  - 8.22.2. Financial Performance
  - 8.22.3. Product Benchmarking
  - 8.22.4. Strategic Initiatives

## List Of Tables

### LIST OF TABLES

Table 1 List of Abbreviation

Table 2 Electric Vehicle (EV) related policies in the U.S. and Canada

Table 3 Overview of the characteristics of electric vehicle chargers in North America

Table 4 Electric Scooter Market - U.S. Key Company Analysis, 2020

Table 5 Electric Bicycle Market - U.S. Key Company Analysis, 2020

Table 6 Electric Skateboard Market - U.S. Key Company Analysis, 2020

Table 7 Electric Motorcycle Market - U.S. Key Company Analysis, 2020

Table 8 Electric Car Market - U.S. Key Company Analysis, 2020

Table 9 Electric Wheelchair Market - U.S. Key Company Analysis, 2020

Table 10 U.S. electric mobility market, 2018 - 2028 (USD Million)

Table 11 U.S. electric mobility market, by product, 2018 - 2028 (USD Million)

Table 12 U.S. electric mobility market, by battery, 2018 - 2028 (USD Million)

Table 13 U.S. electric mobility market, by voltage, 2018 - 2028 (USD Million)



## List Of Figures

### LIST OF FIGURES

- Fig. 1 U.S. Electric mobility segmentation and scope
- Fig. 2 U.S. Electric mobility research methodology
- Fig. 3 Market research process
- Fig. 4 Primary research process
- Fig. 5 Information Analysis
- Fig. 6 Data validation and publishing
- Fig. 7 U.S. Electric mobility market penetration and growth prospect mapping
- Fig. 8 U.S. Electric mobility market: Value chain analysis
- Fig. 9 Market driver impact analysis
- Fig. 10 Market restraint impact analysis
- Fig. 11 U.S. Electric mobility market: PEST analysis
- Fig. 12 U.S. Electric mobility market: PORTER's five forces analysis

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