

# Vehicle Electrification Market Size, Share & Trends Analysis Report By Product (Start/Stop Systems, Electric Power Steering, Liquid Heater Ptc, Electric Oil Pump), By Hybridization, By Region, And Segment Forecasts, 2022 - 2030

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## Abstracts

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### Vehicle Electrification Market Growth & Trends

The global vehicle electrification market size is expected to reach USD 187.13 billion by 2030, registering a CAGR of 9.7% during the forecast period, according to a new report by Grand View Research, Inc. The market is witnessing tremendous growth owing to several benefits such as reduced vehicle weight, higher fuel efficiency, improved driving comfort, and safety features in an electric vehicle.

The increasing conventional fossil fuel prices and rising electric vehicle sales are prompting the electrification of automobiles. The increasing customer demand for fuel-efficient automobiles, stringent emission rules, and growing environmental concerns are all expected to drive growth of the market for vehicle electrification.

Vehicle generally uses diesel or electricity as their power source. However, due to the growing environmental concerns over carbon emissions and rising crude oil prices. Governments of the countries such as India, China, and the U.S. are pivoting towards complete vehicle electrification. It encourages heavy investments from the government and private entities that used for the development of electric vehicles and their infrastructure. These factors are further driving the market growth.

The electric system is replacing several hydraulic or mechanical systems in a vehicle. For instance, hydraulic power steering is replaced with electric power steering, and mechanical or hydraulic pumps are replaced with electric pumps, etc. Furthermore, vehicle electrification decreases reliance on oil, which is a finite resource. All of these factors are projected to drive the global vehicle electrification market's growth.

Clean energy generation in such vehicles has a significant environmental impact since it decreases harmful emissions from tailpipes and the power grid. Additionally, the electrification process incurs fewer operating costs and requires low maintenance as it eliminates the use of lubricant or coolant in the vehicle. The mechanical integration through electrification enhances overall functioning and efficiency, which is expected to drive the market further during the forecast period.

#### Vehicle Electrification Market Report Highlight

The global vehicle electrification market is expected to reach USD 187.13 billion by 2030 with a CAGR of 9.7% during the forecasted period

The EPS segment is chosen with a higher preference between end-users than other steering systems because of many advantages such as energy economy, decreased mechanical complications, and the ability to simply adjust and simpler interface

The Asia Pacific market is projected to witness substantial growth during the next decade owing to the growing large scale adoption of vehicle electrification methods between the automobile sectors. The regional market is expected to grow at a CAGR of 9.1% from 2022 to 2030

## Contents

### **CHAPTER 1. METHODOLOGY & SCOPE**

- 1.1. Market Segmentation & 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
  - 1.4.1. Data Analysis Models
- 1.5. Market Formulation & Data Visualization
- 1.6. Data Validation & Publishing

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

### **CHAPTER 3. VEHICLE ELECTRIFICATION MARKET VARIABLES, TRENDS & SCOPE**

- 3.1. Penetration And Growth Prospect Mapping
- 3.2. Industry Value Chain Analysis
- 3.3. Global Vehicle Electrification in Market Dynamics
  - 3.3.1. Market Driver Analysis
  - 3.3.2. Market Restraints Analysis
- 3.4. Vehicle Electrification Market Key Company Analysis, 2021
- 3.5. Market Analysis Tools
  - 3.5.1. Vehicle Electrification Industry Analysis – Porter's Five Forces Analysis
  - 3.5.2. Vehicle Electrification Industry Analysis - PEST Analysis
- 3.6. Impact Of COVID-19 On Vehicle Electrification Market

### **CHAPTER 4. VEHICLE ELECTRIFICATION MARKET: PRODUCT OUTLOOK**

- 4.1. Market Size Estimates & Forecasts And Trend Analysis 2018 - 2030 (Revenue, USD Billion)
- 4.2. Start/Stop System
  - 4.2.1. Market Estimates And Forecasts By Region 2018 - 2030 (Revenue, USD Billion)
- 4.3. Electric Power Steering

- 4.3.1. Market Estimates And Forecasts By Region,2018 - 2030(Revenue, USD Billion)
- 4.4. Liquid Heater Ptc.
  - 4.4.1. Market Estimates And Forecasts By Region 2018 - 2030 (Revenue, USD Billion)
- 4.5. Electric Air Conditioner Compressor
  - 4.5.1. Market Estimates And Forecasts By Region 2018 - 2030 (Revenue, USD Billion)
- 4.6. Electric Vacuum Pump
  - 4.6.1. Market Estimates And Forecasts By Region 2018 - 2030 (Revenue, USD Billion)
- 4.7. Electric Oil Pump
  - 4.7.1. Market Estimates And Forecasts By Region 2018 - 2030 (Revenue, USD Billion)
- 4.8. Electric Water Pump
  - 4.8.1. Market Estimates And Forecasts By Region 2018 - 2030 (Revenue, USD Billion)
- 4.9. Starter Motor & Alternator
  - 4.9.1. Market Estimates And Forecasts By Region, 2018 - 2030 (Revenue, USD Billion)
- 4.10. Integrated Starter Generator
  - 4.10.1. Market Estimates And Forecasts By Region, 2018 - 2030 (Revenue, USD Billion)
- 4.11. Actuator
  - 4.11.1. Market Estimates And Forecasts By Region, 2018 - 2030 (Revenue, USD Billion)

## **CHAPTER 5. VEHICLE ELECTRIFICATION MARKET: HYBRIDIZATION OUTLOOK**

- 5.1. Market Size Estimates & Forecasts And Trend Analysis 2018 - 2030 (Revenue, USD Billion)
- 5.2. Internal Combustion Engine & Micro Hybrid Vehicle
  - 5.2.1. Market Estimates And Forecasts By Region 2018 - 2030 (Revenue, USD Billion)
- 5.3. HEV
  - 5.3.1. Market Estimates And Forecasts By Region 2018 - 2030 (Revenue, USD Billion)
- 5.4. PHEV
  - 5.4.1. Market Estimates And Forecasts By Region 2018 - 2030 (Revenue, USD Billion)
- 5.5. BEV
  - 5.5.1. Market Estimates And Forecasts By Region 2018 - 2030 (Revenue, USD Billion)
  - 5.5.2. Vehicle Electrification Market: Regional Outlook
- 5.6. Vehicle Electrification Market, By Region, 2021& 2030
- 5.7. North America
  - 5.7.1. Market Estimates And Forecasts By Product 2018 - 2030 (Revenue, USD Billion)
  - 5.7.2. Market Estimates And Forecasts By Hybridization 2018 - 2030 (Revenue, USD Billion)

Billion)

#### 5.7.3. U.S.

5.7.3.1. Market Estimates And Forecasts By Product 2018 - 2030 (Revenue, USD Billion)

5.7.3.2. Market Estimates And Forecasts By Hybridization 2018 - 2030 (Revenue, USD Billion)

#### 5.7.4. Canada

5.7.4.1. Market Estimates And Forecasts By Product 2018 - 2030 (Revenue, USD Billion)

5.7.4.2. Market Estimates And Forecasts By Hybridization 2018 - 2030 (Revenue, USD Billion)

#### 5.8. Europe

5.8.1. Market Estimates And Forecasts By Product 2018 - 2030 (Revenue, USD Billion)

5.8.2. Market Estimates And Forecasts By Hybridization 2018 - 2030 (Revenue, USD Billion)

#### 5.8.3. U.K.

5.8.3.1. Market Estimates And Forecasts By Product 2018 - 2030 (Revenue, USD Billion)

5.8.3.2. Market Estimates And Forecasts By Hybridization 2018 - 2030 (Revenue, USD Billion)

#### 5.8.4. Germany

5.8.4.1. Market Estimates And Forecasts By Product 2018 - 2030 (Revenue, USD Billion)

5.8.4.2. Market Estimates And Forecasts By Hybridization 2018 - 2030 (Revenue, USD Billion)

#### 5.9. Asia Pacific

5.9.1. Market Estimates And Forecasts By Country 2018 - 2030 (Revenue, USD Billion)

5.9.2. Market Estimates And Forecasts By Product 2018 - 2030 (Revenue, USD Billion)

5.9.3. Market Estimates And Forecasts By Hybridization 2018 - 2030 (Revenue, USD Billion)

#### 5.9.4. China

5.9.4.1. Market Estimates And Forecasts By Product 2018 - 2030 (Revenue, USD Billion)

5.9.4.2. Market Estimates And Forecasts By Hybridization 2018 - 2030 (Revenue, USD Billion)

#### 5.9.5. India

5.9.5.1. Market Estimates And Forecasts By Product 2018 - 2030 (Revenue, USD Billion)

5.9.5.2. Market Estimates And Forecasts By Hybridization 2018 - 2030 (Revenue, USD Billion)

5.9.6. Japan

5.9.6.1. Market Estimates And Forecasts By Product 2018 - 2030 (Revenue, USD Billion)

5.9.6.2. Market Estimates And Forecasts By Hybridization 2018 - 2030 (Revenue, USD Billion)

5.10. Rest of the World

5.10.1. Market Estimates And Forecasts By Product 2018 - 2030 (Revenue, USD Billion)

5.10.2. Market Estimates And Forecasts By Hybridization, 2018 - 2030 (Revenue, USD Billion)

## **CHAPTER 6. COMPETITIVE LANDSCAPE**

6.1. Robert Bosch GmbH

6.1.1. Company Overview

6.1.2. Financial Performance

6.1.3. Product Benchmarking

6.1.4. Recent Developments

6.2. Continental AG

6.2.1. Company Overview

6.2.2. Financial Performance

6.2.3. Product Benchmarking

6.2.4. Recent Developments

6.3. Denso Corporation

6.3.1. Company Overview

6.3.2. Financial Performance

6.3.3. Product Benchmarking

6.3.4. Recent Developments

6.4. Delphi Automotive PLC

6.4.1. Company Overview

6.4.2. Financial Performance

6.4.3. Product Benchmarking

6.4.4. Recent Developments

6.5. Johnson Electric

6.5.1. Company Overview

- 6.5.2. Financial Performance
- 6.5.3. Product Benchmarking
- 6.5.4. Recent Developments
- 6.6. Mitsubishi Electric Corporation
  - 6.6.1. Company Overview
  - 6.6.2. Financial Performance
  - 6.6.3. Product Benchmarking
  - 6.6.4. Recent Developments
- 6.7. BorgWarner Inc.
  - 6.7.1. Company Overview
  - 6.7.2. Financial Performance
  - 6.7.3. Product Benchmarking
  - 6.7.4. Recent Developments
- 6.8. Magna International Inc.
  - 6.8.1. Company Overview
  - 6.8.2. Financial Performance
  - 6.8.3. Product Benchmarking
  - 6.8.4. Recent Developments
- 6.9. Aisin Seiki Co. Ltd.
  - 6.9.1. Company Overview
  - 6.9.2. Financial Performance
  - 6.9.3. Product Benchmarking
  - 6.9.4. Recent Developments
- 6.10. Johnson Control Inc.
  - 6.10.1. Company Overview
  - 6.10.2. Financial Performance
  - 6.10.3. Product Benchmarking
  - 6.10.4. Recent Developments
- 6.11. ZF Friedrichshafen AG
  - 6.11.1. Company Overview
  - 6.11.2. Financial Performance
  - 6.11.3. Product Benchmarking
  - 6.11.4. Recent Developments
- 6.12. Valeo SA
  - 6.12.1. Company Overview
  - 6.12.2. Financial Performance
  - 6.12.3. Product Benchmarking
  - 6.12.4. Recent Developments
- 6.13. JTEKT Corporation

- 6.13.1. Company Overview
- 6.13.2. Financial Performance
- 6.13.3. Product Benchmarking
- 6.13.4. Recent Developments
- 6.14. Hitachi Automotive Systems Ltd.
  - 6.14.1. Company Overview
  - 6.14.2. Financial Performance
  - 6.14.3. Product Benchmarking
  - 6.14.4. Recent Developments
- 6.15. Wabco Holdings Inc.
  - 6.15.1. Company Overview
  - 6.15.2. Financial Performance
  - 6.15.3. Product Benchmarking
  - 6.15.4. Recent Developments



## List Of Tables

### LIST OF TABLES

- Table 1 Global electric vehicle market 2018 - 2030 (USD Billion)
- Table 2 Vehicle electrification market by region 2018 - 2030 (USD Billion)
- Table 3 Vehicle electrification market, by product 2018 - 2030 (USD Billion)
- Table 4 Vehicle electrification market, by hybridization 2018 - 2030 (USD Billion)
- Table 5 Global start/stop system market by region 2018 - 2030 (USD Billion)
- Table 6 Global electric power steering (EPS) market by region 2018 - 2030 (USD Billion)
- Table 7 Global liquid heater ptc market by region 2018 - 2030 (USD Billion)
- Table 8 Global electric air conditioner compressor market by region 2018 - 2030 (USD Billion)
- Table 9 Global electric vacuum pump market by region 2018 - 2030 (USD Billion)
- Table 10 Global electric oil pump market by region 2018 - 2030 (USD Billion)
- Table 11 Global electric water pump market by region 2018 - 2030 (USD Billion)
- Table 12 Global starter motor & alternator market by region 2018 - 2030 (USD Billion)
- Table 13 Global integrated starter generator market by region 2018 - 2030 (USD Billion)
- Table 14 Global actuators market by region 2018 - 2030 (USD Billion)
- Table 15 Internal Combustion Engine (ICE) & Micro-Hybrid Vehicle for vehicle electrification 2018 - 2030 (USD Million)
- Table 16 Hybrid Electric Vehicle (HEV) for vehicle electrification 2018 - 2030 (USD Million)
- Table 17 Plug-In Hybrid Electric Vehicle (PHEV) for vehicle electrification 2018 - 2030 (USD Million)
- Table 18 Battery Electric Vehicle (BEV) for vehicle electrification market 2018 - 2030 (USD Million)
- Table 19 North America electrification market, by product 2018 - 2030
- Table 20 North America vehicle electrification market, by hybridization 2018 - 2030 (USD Billion)
- Table 21 U.S. electric vehicle shipment, by product 2018 - 2030
- Table 22 U.S. vehicle electrification market, by hybridization 2018 - 2030 (USD Billion)
- Table 23 Canada vehicle electrification market, by product 2018 - 2030
- Table 24 Canada vehicle electrification market, by hybridization 2018 - 2030 USD Billion)
- Table 25 Europe vehicle electrification market, by product 2018 - 2030
- Table 26 Europe vehicle electrification market, by hybridization 2018 - 2030 (USD Billion)

Table 27 U.K. vehicle electrification, by product 2018 - 2030

Table 28 U.K. vehicle electrification market, by hybridization 2018 - 2030 (USD Billion)

Table 29 Germany vehicle electrification market, by product 2018 - 2030 (USD Billion)

Table 30 Germany vehicle electrification market, by hybridization 2018 - 2030 (USD Billion)

Table 31 Rest of Europe vehicle electrification market, by product 2018 - 2030 (USD Billion)

Table 32 Rest of Europe vehicle electrification market, by hybridization 2018 - 2030 (USD Billion)

Table 33 Asia Pacific vehicle electrification market, by product 2018 - 2030 (USD Billion)

Table 34 Asia Pacific vehicle electrification market, by hybridization 2018 - 2030 (USD Billion)

Table 35 China vehicle electrification market, by product 2018 - 2030 (USD Billion)

Table 36 China vehicle electrification market, by hybridization 2018 - 2030 (USD Billion)

Table 37 India vehicle electrification market, by product 2018 - 2030 (USD Billion)

Table 38 India vehicle electrification market, by hybridization 2018 - 2030 (USD Billion)

Table 39 Japan vehicle electrification market, by product 2018 - 2030 (USD Billion)

Table 40 Japan vehicle electrification market, by hybridization 2018 - 2030 (USD Billion)

Table 41 Rest of Asia Pacific vehicle electrification market, by product 2018 - 2030 (USD Billion)

Table 42 Rest of Asia Pacific vehicle electrification market, by hybridization 2018 - 2030 (USD Billion)

Table 43 Rest of The World vehicle electrification market, by product 2018 - 2030 (USD Million)

Table 44 Rest of The World vehicle electrification market, by hybridization 2018 - 2030 (USD Million)

## List Of Figures

### LIST OF FIGURES

- Fig. 1 Market snapshot
- Fig. 2 Market segmentation
- Fig. 3 Vehicle electrification - Market size and growth prospects
- Fig. 4 Vehicle Electrification - Value chain analysis
- Fig. 5 Market dynamics
- Fig. 6 Porter's five forces analysis
- Fig. 7 Penetration & growth prospect mapping
- Fig. 8 Key Company Analysis, 2021
- Fig. 9 Electric Vehicle - PEST analysis
- Fig. 10 Electric Vehicle market product outlook key take away
- Fig. 11 Vehicle Electrification market: Product movement analysis
- Fig. 12 Vehicle Electrification market hybridization outlook key takeaways
- Fig. 13 Vehicle Electrification market: Hybridization movement analysis
- Fig. 14 Regional market place: Key takeaways

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