

# Vehicle Electrification - Global Market Outlook (2017-2023)

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## Abstracts

According to Statistics MRC, the Global Vehicle Electrification market is expected to grow from \$17.84 billion in 2016 to reach \$33.54 billion by 2023 with a CAGR of 9.4%. Rising demand for electric systems in vehicles, increasing demand for fuel efficient vehicles and increasing conventional fuels prices are some of the key factors fueling market growth. Moreover, tax exemptions and subsidies provided by governments, strict government norms on Carbon Monoxide (CO) emissions along with rising environmental awareness are supporting the growth of vehicle electrification market. However, high cost of electrification and electric systems, fail safe electronic and electrical components are some of the factors hindering the market.

Replacing mechanical or hydraulic systems with electric systems is considered as one of the best way to reduce carbon emissions, increase vehicle efficiency and reduce dependency over oil. Vehicle electrification generates new opportunities for consumer engagement along with various environmental and economic benefits.

Hybrid Electric Vehicle (HEV) is leading the overall Vehicle Electrification and is projected to sustain its growth over the forecast period. This is attributed to its capability in combining two different power sources such as diesel/petrol and electrical power. In addition, the demand for electric vacuum pump is growing as they are widely used in hybrid, diesel and electric vehicles. North America is the significant market for vehicle electrification due to the presence of stringent norms for emissions in countries such as U.S. and Canada. APAC is anticipated to grow at faster pace owing to its significant growth in automotive industry.

Some of the key players in global Vehicle Electrification market include Continental AG, Johnson Controls Inc, Robert Bosch GmbH, Johnson Electric, Hitachi Automotive

Systems Ltd, Denso Corporation, Jtekt Corporation, Valeo SA, Delphi Automotive PLC, Magna International Inc, Mitsubishi Electric Corporation, Wabco Holdings Inc, Borgwarner Inc, ZF Friedrichshafen AG and Aisin Seiki Co. Ltd.

Vehicle Types Covered:

Light Commercial Vehicle

Two – Wheeler

Heavy Commercial Vehicle

Passenger Car

Channel Types Covered:

Aftermarket

OEMs

Product Types Covered:

Electric Air Conditioner Compressor

Start/Stop System

Electric Water Pump

Integrated Starter Generator (ISG)

Electric Power Steering (EPS)

Actuators

Electric Vacuum Pump

Starter Motor & Alternator

Liquid Heater PTC

Electric Oil Pump

Electric Turbocharger

Thermoelectric Generator

#### Degree of Hybridizations Covered:

Plug-In Hybrid Electric Vehicle (PHEV)

Internal Combustion Engine (ICE) & Micro-Hybrid Vehicle

Battery Electric Vehicle (Bev) & Fuel Cell Electric Vehicle (FCEV)

Hybrid Electric Vehicle (HEV)

#### Regions Covered:

North America

US

Canada

Mexico

Europe

Germany

UK

Italy

France

Spain

Rest of Europe

#### Asia Pacific

Japan

China

India

Australia

New Zealand

South Korea

Rest of Asia Pacific

#### South America

Argentina

Brazil

Chile

Rest of South America

#### Middle East & Africa

Saudi Arabia

UAE

Qatar

South Africa

Rest of Middle East & Africa

What our report offers:

Market share assessments for the regional and country level segments

Market share analysis of the top industry players

Strategic recommendations for the new entrants

Market forecasts for a minimum of 7 years of all the mentioned segments, sub segments and the regional markets

Market Trends (Drivers, Constraints, Opportunities, Threats, Challenges, Investment Opportunities, and recommendations)

Strategic recommendations in key business segments based on the market estimations

Competitive landscaping mapping the key common trends

Company profiling with detailed strategies, financials, and recent developments

Supply chain trends mapping the latest technological advancements

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