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Technology Landscape, Trends and Opportunities in the Global Electric Vehicle Motor Market

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Abstracts

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The technologies in electric vehicle motor have undergone significant change in recent years, with brushed DC motors t%li%brushless DC motors. The rising wave of new technologies, such as torque accuracy, and robust limp-homes are creating significant potential for electric vehicle motor in various vehicle platforms due t%li%their reversibility, and reduction in noise pollution properties.

In this market, various technologies, such as weakening control, torque accuracy, and robust limp-home are used in the battery electric vehicle, hybrid electric vehicle, and plug in hybrid electric vehicle applications. Increasing demand for improving the driving range of electric vehicles, and stringent government regulations regarding vehicular emission are creating new opportunities for various electric vehicle motor technologies.

This report analyzes technology maturity, degree of disruption, competitive intensity, market potential, and other parameters of various technologies in the electric vehicle motor market. Some insights are depicted below by a sample figure. For more details on figures, the companies researched, and other objectives/benefits on this research report, please download the report brochure.

Electric Vehicle Motor Technology Market

Electric Vehicle Motor Technology Segments

Electric Vehicle Motor Technology Heat Map

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The study includes technology readiness, competitive intensity, regulatory compliance, disruption potential, trends, forecasts and strategic implications for the global electric vehicle motor technology by application, technology, and region as follows:

Technology Readiness by Technology Type

Competitive Intensity and Regulatory Compliance

Disruption Potential by Technology Type

Trends and Forecasts by Technology Type [$M shipment analysis from 2018 t%li%2030]:

Weakening Control

Torque Accuracy

Robust Limp-Home Strategies

Technology Trends and Forecasts by Application [$M shipment analysis from 2018 t%li%2030]:

Battery Electric Vehicles

Weakening Control

Torque Accuracy

Robust Limp-Home Strategies

Hybrid Electric Vehicles

Weakening Control

Torque Accuracy

Robust Limp-Home Strategies

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Plug in hybrid Electric Vehicles

Weakening Control

Torque Accuracy

Robust Limp-Home Strategies

Technology Trends and Forecasts by Region [$M shipment analysis for 2018 t%li%2030]:

North America

United States

Canada

Mexico

Europe

United Kingdom

Germany

France

Russia

Asia Pacific

China

Japan

India

Australia

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The Rest of the World

Latest Developments and Innovationsin theElectric Vehicle MotorTechnologies

Companies / Ecosystems

Strategic Opportunities by Technology Type

Some of the electric vehicle motor companies profiled in this report include Continental, Hitachi Automotive Systems, Tesla, BYD Auto, Dens%li%Corporation, Metric Mind Corporation, Mitsubishi Electric Corporation, Allied Motion Technologies, Robert Bosch, and Siemens.

This report answers following 9 key questions:

Q.1 What are some of the most promising and high-growth technology opportunities for the electric vehicle motor market?

Q.2 Which technology will grow at a faster pace and why?

Q.3 What are the key factors affecting dynamics of different technologies? What are the drivers and challenges of these technologies in electric vehicle motor market?

Q.4 What are the levels of technology readiness, competitive intensity and regulatory compliance in this technology space?

Q.5 What are the new technology developments in electric vehicle motor market? Which companies are leading these developments?

Q.6 What are the latest developments in electric vehicle motor technologies? Which companies are leading these developments?

Q.7 Which technologies have potential of disruption in this market?

Q.8 Wh%li%are the major players in this electric vehicle motor market? What strategic initiatives are being implemented by key players for business growth?

Q.9 What are strategic growth opportunities in this electric vehicle motor technology space?

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