

Global EV Transmission System Market Size Study, by Vehicle Type (Battery Electric Vehicles, Plug-in Hybrid Electric Vehicles, Hybrid Electric Vehicles), by Transmission Type (Single-Speed, Multi-Speed), by Transmission System (AMT Transmission, CVT Transmission, AT Transmission, Others), and Regional Forecasts 2022-2032

<https://marketpublishers.com/r/G44692D15293EN.html>

Date: July 2024

Pages: 200

Price: US\$ 4,950.00 (Single User License)

ID: G44692D15293EN

Abstracts

Global EV Transmission System Market is valued at approximately USD 8.80 billion in 2023 and is anticipated to grow with a healthy growth rate of more than 17.8% over the forecast period 2024-2032. Unlike traditional cars, electric vehicles (EVs) typically use a single-speed transmission due to the electric motor's wide operating range. This simpler system focuses on optimizing power delivery and efficiency rather than gear changes. It often includes a reduction gear to manage high motor speeds and a differential to distribute power between wheels. The accelerating shift towards electric mobility, driven by stringent emission regulations, environmental concerns, and advancements in EV technology, is significantly raising the demand for high-performance, reliable, and efficient transmission systems tailored specifically for electric drivetrains.

Technological advancements are expected to be a crucial driver for the market's expansion, with strategic partnerships and collaborations between automakers and transmission system suppliers playing a vital role in this progression. Innovations in energy storage systems, motor designs, and power electronics are poised to facilitate the development of more compact and efficient transmission solutions. Automakers are focusing on enhancing transmission efficiency, reducing weight and size, and improving overall system performance to meet the evolving requirements of electric vehicles. However, high costs of development and integration, along with the regulatory and

standardization issues are hampering the market growth during the estimated period.

The integration of autonomous driving technologies with electric vehicles is set to change the requirements for transmission systems. As autonomous driving becomes more prevalent, transmission systems will need to accommodate advanced features such as adaptive cruise control, predictive powertrain management, and regenerative braking. The significant need for intelligent transmission solutions that seamlessly interface with autonomous driving systems is expected to spur innovation in the EV transmission system market.

The key regions considered for the global EV Transmission System Market study include Asia Pacific, North America, Europe, Latin America, and the Rest of the World. North America is a dominating region in the EV Transmission System Market in terms of revenue. The market growth in the region is being attributed to factors including rising electric vehicle demand, supportive government policies, and a focus on technological advancements in EV transmissions. This factor is propelling the need for efficient systems to manage power in electric vehicles. Whereas, the market in Asia Pacific is anticipated to grow at the fastest rate over the forecast period fueled by soaring electric vehicle sales in China and Japan, along with government incentives for EVs and growing investments in charging infrastructure, are accelerating the demand for efficient transmission systems in this region.

Major market players included in this report are:

Allison Transmission Inc.

Aisin Seiki Co., Ltd.

AVL List GmbH

Continental AG

BorgWarner Inc.

Dana Incorporated

EATON Corporation

Denso Corporation

GKN Automotive Limited

Hitachi Automotive Systems Ltd.

Magna International Inc.

ZF Friedrichshafen AG

Bosch Mobility Solutions

Schaeffler Group

Valeo

The detailed segments and sub-segment of the market are explained below:

By Vehicle Type:

Battery Electric Vehicles

Plug-in Hybrid Electric Vehicles

Hybrid Electric Vehicles

By Transmission Type:

Single-Speed

Multi-Speed

By Transmission System:

AMT Transmission

CVT Transmission

AT Transmission

Others

By Region:

North America

U.S.

Canada

Europe

UK

Germany

France

Spain

Italy

ROE

Asia Pacific

China

India

Japan

Australia

South Korea

RoAPAC

Latin America

Brazil

Mexico

Middle East & Africa

Saudi Arabia

South Africa

RoMEA

Years considered for the study are as follows:

Historical year – 2022

Base year – 2023

Forecast period – 2024 to 2032

Key Takeaways:

Market Estimates & Forecast for 10 years from 2022 to 2032.

Annualized revenues and regional level analysis for each market segment.

Detailed analysis of geographical landscape with Country level analysis of major regions.

Competitive landscape with information on major players in the market.

Analysis of key business strategies and recommendations on future market approach.

Analysis of competitive structure of the market.

Demand side and supply side analysis of the market.

Contents

CHAPTER 1. GLOBAL EV TRANSMISSION SYSTEM MARKET EXECUTIVE SUMMARY

- 1.1. Global EV Transmission System Market Size & Forecast (2022-2032)
- 1.2. Regional Summary
- 1.3. Segmental Summary
 - 1.3.1. By Vehicle Type
 - 1.3.2. By Transmission Type
 - 1.3.3. By Transmission System
- 1.4. Key Trends
- 1.5. Recession Impact
- 1.6. Analyst Recommendation & Conclusion

CHAPTER 2. GLOBAL EV TRANSMISSION SYSTEM MARKET DEFINITION AND RESEARCH ASSUMPTIONS

- 2.1. Research Objective
- 2.2. Market Definition
- 2.3. Research Assumptions
 - 2.3.1. Inclusion & Exclusion
 - 2.3.2. Limitations
 - 2.3.3. Supply Side Analysis
 - 2.3.3.1. Availability
 - 2.3.3.2. Infrastructure
 - 2.3.3.3. Regulatory Environment
 - 2.3.3.4. Market Competition
 - 2.3.3.5. Economic Viability (Consumer's Perspective)
 - 2.3.4. Demand Side Analysis
 - 2.3.4.1. Regulatory frameworks
 - 2.3.4.2. Technological Advancements
 - 2.3.4.3. Environmental Considerations
 - 2.3.4.4. Consumer Awareness & Acceptance
- 2.4. Estimation Methodology
- 2.5. Years Considered for the Study
- 2.6. Currency Conversion Rates

CHAPTER 3. GLOBAL EV TRANSMISSION SYSTEM MARKET DYNAMICS

Global EV Transmission System Market Size Study, by Vehicle Type (Battery Electric Vehicles, Plug-in Hybrid El...

3.1. Market Drivers

- 3.1.1. Increasing Demand for High-Performance Transmission Systems
- 3.1.2. Technological Advancements in EVs
- 3.1.3. Growth in Autonomous Driving Technologies

3.2. Market Challenges

- 3.2.1. High Costs of Development and Integration
- 3.2.2. Regulatory and Standardization Issues

3.3. Market Opportunities

- 3.3.1. Expansion in Emerging Markets
- 3.3.2. Innovations in Transmission Technologies
- 3.3.3. Increasing Focus on Sustainability

CHAPTER 4. GLOBAL EV TRANSMISSION SYSTEM MARKET INDUSTRY ANALYSIS

4.1. Porter's 5 Force Model

- 4.1.1. Bargaining Power of Suppliers
- 4.1.2. Bargaining Power of Buyers
- 4.1.3. Threat of New Entrants
- 4.1.4. Threat of Substitutes
- 4.1.5. Competitive Rivalry
- 4.1.6. Futuristic Approach to Porter's 5 Force Model
- 4.1.7. Porter's 5 Force Impact Analysis

4.2. PESTEL Analysis

- 4.2.1. Political
- 4.2.2. Economical
- 4.2.3. Social
- 4.2.4. Technological
- 4.2.5. Environmental
- 4.2.6. Legal

4.3. Top investment opportunity

4.4. Top winning strategies

4.5. Disruptive Trends

4.6. Industry Expert Perspective

4.7. Analyst Recommendation & Conclusion

CHAPTER 5. GLOBAL EV TRANSMISSION SYSTEM MARKET SIZE & FORECASTS BY VEHICLE TYPE 2022-2032

5.1. Segment Dashboard

5.2. Global EV Transmission System Market: Vehicle Type Revenue Trend Analysis, 2022 & 2032 (USD Billion)

5.2.1. Battery Electric Vehicles

5.2.2. Plug-in Hybrid Electric Vehicles

5.2.3. Hybrid Electric Vehicles

CHAPTER 6. GLOBAL EV TRANSMISSION SYSTEM MARKET SIZE & FORECASTS BY TRANSMISSION TYPE 2022-2032

6.1. Segment Dashboard

6.2. Global EV Transmission System Market: Transmission Type Revenue Trend Analysis, 2022 & 2032 (USD Billion)

6.2.1. Single-Speed

6.2.2. Multi-Speed

CHAPTER 7. GLOBAL EV TRANSMISSION SYSTEM MARKET SIZE & FORECASTS BY TRANSMISSION SYSTEM 2022-2032

7.1. Segment Dashboard

7.2. Global EV Transmission System Market: Transmission System Revenue Trend Analysis, 2022 & 2032 (USD Billion)

7.2.1. AMT Transmission

7.2.2. CVT Transmission

7.2.3. AT Transmission

7.2.4. Others

CHAPTER 8. GLOBAL EV TRANSMISSION SYSTEM MARKET SIZE & FORECASTS BY REGION 2022-2032

8.1. North America EV Transmission System Market

8.1.1. U.S. EV Transmission System Market

8.1.1.1. Vehicle Type breakdown size & forecasts, 2022-2032

8.1.1.2. Transmission Type breakdown size & forecasts, 2022-2032

8.1.1.3. Transmission System breakdown size & forecasts, 2022-2032

8.1.2. Canada EV Transmission System Market

8.1.2.1. Vehicle Type breakdown size & forecasts, 2022-2032

8.1.2.2. Transmission Type breakdown size & forecasts, 2022-2032

- 8.1.2.3. Transmission System breakdown size & forecasts, 2022-2032
- 8.2. Europe EV Transmission System Market
 - 8.2.1. U.K. EV Transmission System Market
 - 8.2.2. Germany EV Transmission System Market
 - 8.2.3. France EV Transmission System Market
 - 8.2.4. Spain EV Transmission System Market
 - 8.2.5. Italy EV Transmission System Market
 - 8.2.6. Rest of Europe EV Transmission System Market
- 8.3. Asia-Pacific EV Transmission System Market
 - 8.3.1. China EV Transmission System Market
 - 8.3.2. India EV Transmission System Market
 - 8.3.3. Japan EV Transmission System Market
 - 8.3.4. Australia EV Transmission System Market
 - 8.3.5. South Korea EV Transmission System Market
 - 8.3.6. Rest of Asia Pacific EV Transmission System Market
- 8.4. Latin America EV Transmission System Market
 - 8.4.1. Brazil EV Transmission System Market
 - 8.4.2. Mexico EV Transmission System Market
 - 8.4.3. Rest of Latin America EV Transmission System Market
- 8.5. Middle East & Africa EV Transmission System Market
 - 8.5.1. Saudi Arabia EV Transmission System Market
 - 8.5.2. South Africa EV Transmission System Market
 - 8.5.3. Rest of Middle East & Africa EV Transmission System Market

CHAPTER 9. COMPETITIVE INTELLIGENCE

- 9.1. Key Company SWOT Analysis
 - 9.1.1. Allison Transmission Inc.
 - 9.1.2. Aisin Seiki Co., Ltd.
 - 9.1.3. AVL List GmbH
- 9.2. Top Market Strategies
- 9.3. Company Profiles
 - 9.3.1. Allison Transmission Inc.
 - 9.3.1.1. Key Information
 - 9.3.1.2. Overview
 - 9.3.1.3. Financial (Subject to Data Availability)
 - 9.3.1.4. Product Summary
 - 9.3.1.5. Market Strategies
 - 9.3.2. Aisin Seiki Co., Ltd.

- 9.3.3. AVL List GmbH
- 9.3.4. Continental AG
- 9.3.5. BorgWarner Inc.
- 9.3.6. Dana Incorporated
- 9.3.7. EATON Corporation
- 9.3.8. Denso Corporation
- 9.3.9. GKN Automotive Limited
- 9.3.10. Hitachi Automotive Systems Ltd.
- 9.3.11. Magna International Inc.
- 9.3.12. ZF Friedrichshafen AG
- 9.3.13. Bosch Mobility Solutions
- 9.3.14. Schaeffler Group
- 9.3.15. Valeo

CHAPTER 10. RESEARCH PROCESS

- 10.1. Research Process
 - 10.1.1. Data Mining
 - 10.1.2. Analysis
 - 10.1.3. Market Estimation
 - 10.1.4. Validation
 - 10.1.5. Publishing
- 10.2. Research Attributes

List Of Tables

LIST OF TABLES

TABLE 1. Global EV Transmission System market, report scope

TABLE 2. Global EV Transmission System market estimates & forecasts by Region 2022-2032 (USD Billion)

TABLE 3. Global EV Transmission System market estimates & forecasts by Vehicle Type 2022-2032 (USD Billion)

TABLE 4. Global EV Transmission System market estimates & forecasts by Transmission Type 2022-2032 (USD Billion)

TABLE 5. Global EV Transmission System market estimates & forecasts by Transmission System 2022-2032 (USD Billion)

TABLE 6. Global EV Transmission System market by segment, estimates & forecasts, 2022-2032 (USD Billion)

TABLE 7. Global EV Transmission System market by region, estimates & forecasts, 2022-2032 (USD Billion)

TABLE 8. Global EV Transmission System market by segment, estimates & forecasts, 2022-2032 (USD Billion)

TABLE 9. Global EV Transmission System market by region, estimates & forecasts, 2022-2032 (USD Billion)

TABLE 10. Global EV Transmission System market by segment, estimates & forecasts, 2022-2032 (USD Billion)

TABLE 11. Global EV Transmission System market by region, estimates & forecasts, 2022-2032 (USD Billion)

TABLE 12. Global EV Transmission System market by segment, estimates & forecasts, 2022-2032 (USD Billion)

TABLE 13. Global EV Transmission System market by region, estimates & forecasts, 2022-2032 (USD Billion)

TABLE 14. Global EV Transmission System market by region, estimates & forecasts, 2022-2032 (USD Billion)

TABLE 15. U.S. EV Transmission System market estimates & forecasts, 2022-2032 (USD Billion)

TABLE 16. U.S. EV Transmission System market estimates & forecasts by segment 2022-2032 (USD Billion)

TABLE 17. U.S. EV Transmission System market estimates & forecasts by segment 2022-2032 (USD Billion)

TABLE 18. Canada EV Transmission System market estimates & forecasts, 2022-2032 (USD Billion)

TABLE 19. Canada EV Transmission System market estimates & forecasts by segment
2022-2032 (USD Billion)

TABLE 20. Canada EV Transmission System market estimates & forecasts by segment
2022-2032 (USD Billion)

.....

This list is not complete, final report does contain more than 100 tables. The list may be updated in the final deliverable.

List Of Figures

LIST OF FIGURES

- FIG 1. Global EV Transmission System market, research methodology
- FIG 2. Global EV Transmission System market, market estimation techniques
- FIG 3. Global market size estimates & forecast methods.
- FIG 4. Global EV Transmission System market, key trends 2023
- FIG 5. Global EV Transmission System market, growth prospects 2022-2032
- FIG 6. Global EV Transmission System market, porters 5 force model
- FIG 7. Global EV Transmission System market, PESTEL analysis
- FIG 8. Global EV Transmission System market, value chain analysis
- FIG 9. Global EV Transmission System market by segment, 2022 & 2032 (USD Billion)
- FIG 10. Global EV Transmission System market by segment, 2022 & 2032 (USD Billion)
- FIG 11. Global EV Transmission System market by segment, 2022 & 2032 (USD Billion)
- FIG 12. Global EV Transmission System market by segment, 2022 & 2032 (USD Billion)
- FIG 13. Global EV Transmission System market by segment, 2022 & 2032 (USD Billion)
- FIG 14. Global EV Transmission System market, regional snapshot 2022 & 2032
- FIG 15. North America EV Transmission System market 2022 & 2032 (USD Billion)
- FIG 16. Europe EV Transmission System market 2022 & 2032 (USD Billion)
- FIG 17. Asia pacific EV Transmission System market 2022 & 2032 (USD Billion)
- FIG 18. Latin America EV Transmission System market 2022 & 2032 (USD Billion)
- FIG 19. Middle East & Africa EV Transmission System market 2022 & 2032 (USD Billion)
- FIG 20. Global EV Transmission System market, company market share analysis (2023)

.....

This list is not complete, final report does contain more than 50 figures. The list may be updated in the final deliverable.

I would like to order

Product name: Global EV Transmission System Market Size Study, by Vehicle Type (Battery Electric Vehicles, Plug-in Hybrid Electric Vehicles, Hybrid Electric Vehicles), by Transmission Type (Single-Speed, Multi-Speed), by Transmission System (AMT Transmission, CVT Transmission, AT Transmission, Others), and Regional Forecasts 2022-2032

Product link: <https://marketpublishers.com/r/G44692D15293EN.html>

Price: US\$ 4,950.00 (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/G44692D15293EN.html>

To pay by Wire Transfer, please, fill in your contact details in the form below:

First name:
Last name:
Email:
Company:
Address:
City:
Zip code:
Country:
Tel:
Fax:
Your message:

****All fields are required**

Customer signature _____

Please, note that by ordering from marketpublishers.com you are agreeing to our Terms & Conditions at <https://marketpublishers.com/docs/terms.html>

To place an order via fax simply print this form, fill in the information below
and fax the completed form to +44 20 7900 3970