

# **India Electric Vehicle Powertrain Systems Market (2017-2023): Market Forecast By Technology, Components, Vehicle Type and Competitive Landscape**

<https://marketpublishers.com/r/IED75152D6EEN.html>

Date: July 2017

Pages: 130

Price: US\$ 1,960.00 (Single User License)

ID: IED75152D6EEN

## **Abstracts**

**India Electric Vehicle Powertrain Systems Market (2017-2023): Market Forecast By Technology (Battery Electric Vehicle Powertrain and Hybrid Electric Vehicle Powertrain), Components (Transmission, Battery, Motor/Generator, Engine and Controller), Vehicle Type (Passenger Cars, Commercial Vehicles, Two Wheelers and Three-Wheelers) and Competitive Landscape**

Rising environmental concerns coupled with subsidies and tax rebates on Electric Vehicles (EVs) provided under different government schemes are fueling the demand for EV powertrain systems market in India. Stringent regulations on emissions and fuel efficiency, reduction in lithium ion battery costs along with growing consumer awareness towards adoption of ecofriendly vehicles are some of the key factors which are further contributing to the growth of the market.

According to 6Wresearch, India electric vehicle powertrain market is projected to grow at a CAGR of over 26% during 2017-23. Battery EV powertrain systems captured majority of the market share in terms of revenues, owing to the subsidies and tax rebates offered by government to EV users and manufacturers. Although, charging infrastructure challenges are still present, however government's target of 6 million EVs on roads backed by its firm actions is likely to overcome these challenges during the forecast period.

In 2016, two wheeler EV registered majority of the market volume, however, as a result of rising income level coupled with cost reduction of electric cars, the passenger car

segment is anticipated to register highest growth over the coming years.

The report thoroughly covers electric vehicle powertrain systems market by technologies, components and vehicle types. The report provides an unbiased and detailed analysis of the on-going trends, opportunities/ high growth areas, market drivers which would help the stakeholders to decide and align their market strategies according to the current and future market dynamics.

#### Key Highlights of the Report:

Market Size & Forecast of Global Electric Vehicle Powertrain Systems Market until 2023

Historical Data of India Electric Vehicle Powertrain Systems Market for the Period 2014-2016

Market Size & Forecast of India Electric Vehicle Powertrain Systems Market until 2023

Historical Data of India Electric Vehicle Powertrain Systems Components Market for the Period 2014-2016

Market Size & Forecast of India Electric Vehicle Powertrain Systems Components Market until 2023

Historical Data of India Electric Vehicle Powertrain Systems Vehicle Types Market for the Period 2014-2016

Market Size & Forecast of India Electric Vehicle Powertrain Systems Market, By Vehicle Types until 2023

Market Size & Forecast of India Battery Electric Vehicle Powertrain Systems Market until 2023

Market Size & Forecast of India Hybrid Electric Vehicle Powertrain Systems Market until 2023

Market Drivers, Restraints, and Market Trends

Industry Life Cycle

Value Chain Analysis

Porter's Five Forces Analysis

Players Market Revenue Share

Company Profiles

Key Strategic Notes

## Markets Covered

The report provides the detailed analysis of the following market segments:

### By Technology

Battery Electric Vehicle Powertrain

Hybrid Electric Vehicle Powertrain

### By Components

Transmission

Battery

Motor/Generator

Engine

Controller

### By Vehicle Type

Passenger Cars

Two-Wheelers

Commercial Vehicles

Three-Wheelers

## Contents

### **1 EXECUTIVE SUMMARY**

### **2 INTRODUCTION**

- 2.1 Key Highlights of the Report
- 2.2 Report Description
- 2.3 Market Scope & Segmentation
- 2.4 Assumptions & Methodology

### **3 GLOBAL ELECTRIC VEHICLE POWERTRAIN SYSTEMS MARKET OVERVIEW**

- 3.1 Global Electric Vehicle Powertrain Systems Market Revenues (2014-2023F)
- 3.2 Global Electric Vehicle Powertrain Systems Market Volume (2014-2023F)
- 3.3 Global Electric Vehicle Powertrain Systems Market Revenue Share, By Region (2014 & 2023F)

### **4 INDIA ELECTRIC VEHICLE POWERTRAIN SYSTEMS MARKET OVERVIEW**

- 4.1 India Electric Vehicle Powertrain Systems Market Revenues (2014-2023F)
- 4.2 India Electric Vehicle Powertrain Systems Market Volume (2014-2023F)
- 4.3 India Electric Vehicle Powertrain Systems Industry Life Cycle
- 4.4 India Electric Vehicle Powertrain Systems Market Opportunistic Matrix
- 4.5 India Electric Vehicle Powertrain Systems Market Value Chain Analysis
- 4.6 India Electric Vehicle Powertrain Systems Market Porter's Five Forces Model
- 4.7 India Electric Vehicle Powertrain Systems Market Revenue Share, By Technology (2016 & 2023F)
- 4.8 India Electric Vehicle Powertrain Systems Market Revenue Share, By Components (2016 & 2023F)
- 4.9 India Electric Vehicle Powertrain Systems Market Revenue Share, By Vehicle Type (2016 & 2023F)

### **5 INDIA ELECTRIC VEHICLE POWERTRAIN SYSTEMS MARKET DYNAMICS**

- 5.1 Impact Analysis
- 5.2 Market Drivers
- 5.3 Market Restraints
- 5.4 Market Opportunity

## **6 INDIA ELECTRIC VEHICLE POWERTRAIN SYSTEMS MARKET TRENDS**

- 6.1 Plug-in Hybrids
- 6.2 Alternative Fuel
- 6.3 High Density High Power Small Size Li-ion Batteries
- 6.4 The EVI Initiative

## **7 INDIA BATTERY ELECTRIC VEHICLE POWERTRAIN SYSTEMS MARKET OVERVIEW**

- 7.1 India Battery Electric Vehicle Powertrain Systems Market Revenues (2014-2023F)
- 7.2 India Battery Electric Vehicle Powertrain Systems Market Revenues, By Components (2014-2023F)
- 7.3 India Battery Electric Vehicle Powertrain Systems Market Volume (2014-2023F)

## **8 INDIA HYBRID ELECTRIC VEHICLE POWERTRAIN SYSTEMS MARKET OVERVIEW**

- 8.1 India Hybrid Electric Vehicle Powertrain Systems Market Revenues (2014-2023F)
- 8.2 India Hybrid Electric Vehicle Powertrain Systems Market Revenues, By Components (2014-2023F)
- 8.3 India Hybrid Electric Vehicle Powertrain Systems Market Volume (2014-2023F)

## **9 INDIA ELECTRIC VEHICLE POWERTRAIN SYSTEMS MARKET OVERVIEW, BY COMPONENTS**

- 9.1 India Electric Vehicle Powertrain Systems Market, By Engine(2014-2023F)
- 9.2 India Electric Vehicle Powertrain Systems Market, By Transmission (2014-2023F)
- 9.3 India Electric Vehicle Powertrain Systems Market, By Battery (2014-2023F)
- 9.4 India Electric Vehicle Powertrain Systems Market, By Generator/Motor (2014-2023F)
- 9.5 India Electric Vehicle Powertrain Systems Market, By Controller (2014-2023F)

## **10 INDIA ELECTRIC VEHICLE POWERTRAIN SYSTEMS MARKET OVERVIEW, BY VEHICLE TYPES**

- 10.1 India Electric Vehicle Powertrain Systems Market, By Passenger Car (2014-2023F)

10.2 India Electric Vehicle Powertrain Systems Market, By Two-Wheelers (2014-2023F)

10.3 India Electric Vehicle Powertrain Systems Market, By Commercial Vehicles (2014-2023F)

10.4 India Electric Vehicle Powertrain Systems Market, By Three-Wheelers (2014-2023F)

## **11 COMPETITIVE LANDSCAPE**

11.1 India Electric Vehicle Powertrain Systems Market Players Revenue Share (2016)

11.2 Competitive Benchmarking, By Operating Parameters

11.3 Competitive Benchmarking, By Electric Vehicle Manufacturing

11.4 Electric Vehicle Powertrain System Manufacturers and Distributors

## **12 INDIA ELECTRIC VEHICLE POWERTRAIN SYSTEMS MARKET – ECOSYSTEM ANALYSIS**

## **13 INDIA ELECTRIC VEHICLE POWERTRAIN SYSTEMS MARKET – IMPORT & EXPORT SCENARIO**

## **14 INDIA ELECTRIC VEHICLE POWERTRAIN SYSTEMS MARKET – GOVERNMENT INITIATIVES & REGULATIONS**

## **15 COMPANY PROFILES**

15.1 Mahindra Reva Electric Vehicles Ltd.

15.2 Maruti Suzuki India Limited

15.3 TATA Motors Limited

15.4 Hyundai Motor India Limited

15.5 AVTEC Ltd.

## **16 KEY STRATEGIC NOTES**

## **17 DISCLAIMER**

## List Of Figures

### LIST OF FIGURES

- 1 GLOBAL ELECTRIC VEHICLE POWERTRAIN SYSTEMS MARKET REVENUES, 2014-2023F (\$ BILLION)
- 2 GLOBAL ELECTRIC VEHICLE POWERTRAIN SYSTEMS MARKET VOLUME, 2014-2023F (MILLION UNITS)
- 3 GLOBAL ELECTRIC VEHICLE POWERTRAIN SYSTEMS REVENUE SHARE, BY REGIONS (2016)
- 4 INDIA ELECTRIC VEHICLE POWERTRAIN SYSTEMS MARKET REVENUES, 2014-2023F (\$ MILLION)
- 5 INDIA ELECTRIC VEHICLE POWERTRAIN SYSTEMS MARKET VOLUME, 2014-2023F (IN THOUSANDS)
- 6 INDIA ELECTRIC VEHICLE POWERTRAIN SYSTEMS INDUSTRY LIFE CYCLE (2016)
- 7 VALUE CHAIN ANALYSIS OF INDIA ELECTRIC VEHICLE POWERTRAIN SYSTEMS MARKET
- 8 INDIA ELECTRIC VEHICLE POWERTRAIN SYSTEMS MARKET REVENUE SHARE, BY TECHNOLOGY (2016)
- 9 INDIA ELECTRIC VEHICLE POWERTRAIN SYSTEMS MARKET REVENUE SHARE, BY TECHNOLOGY (2023F)
- 10 INDIA BATTERY ELECTRIC VEHICLE POWERTRAIN SYSTEMS MARKET REVENUE SHARE, BY COMPONENTS (2016)
- 11 INDIA BATTERY ELECTRIC VEHICLE POWERTRAIN SYSTEMS MARKET REVENUE SHARE, BY COMPONENTS (2023F)
- 12 INDIA HYBRID ELECTRIC VEHICLE POWERTRAIN SYSTEMS MARKET REVENUE SHARE, BY COMPONENTS (2016)
- 13 INDIA HYBRID ELECTRIC VEHICLE POWERTRAIN SYSTEMS MARKET REVENUE SHARE, BY COMPONENTS (2023F)
- 14 INDIA ELECTRIC VEHICLE POWERTRAIN SYSTEMS MARKET REVENUE SHARE, BY VEHICLE TYPE (2016)
- 15 INDIA ELECTRIC VEHICLE POWERTRAIN SYSTEMS MARKET REVENUE SHARE, BY VEHICLE TYPE (2023F)
- 16 INDIA BATTERY ELECTRIC VEHICLE POWERTRAIN SYSTEMS MARKET REVENUES, 2014-2023F (\$ MILLION)
- 17 INDIA BATTERY ELECTRIC VEHICLE POWERTRAIN SYSTEMS MARKET VOLUME, 2014-2023F (IN THOUSANDS)
- 18 INDIA HYBRID ELECTRIC VEHICLE POWERTRAIN SYSTEMS MARKET



REVENUES, 2014-2023F (IN \$ MILLION)

19 INDIA HYBRID ELECTRIC VEHICLE POWERTRAIN SYSTEMS MARKET  
VOLUME, 2014-2023F (IN THOUSANDS)

20 INDIA HYBRID ELECTRIC VEHICLE POWERTRAIN SYSTEMS MARKET  
REVENUES, BY ENGINE, 2014-2023F (\$ MILLION)

21 INDIA HYBRID ELECTRIC VEHICLE POWERTRAIN SYSTEMS MARKET  
REVENUES, BY TRANSMISSION, 2014-2023F (\$ MILLION)

22 INDIA BATTERY ELECTRIC VEHICLE POWERTRAIN SYSTEMS MARKET  
REVENUES, BY TRANSMISSION, 2014-2023F (\$ MILLION)

23 INDIA HYBRID ELECTRIC VEHICLE POWERTRAIN SYSTEMS MARKET  
REVENUES, BY BATTERY, 2014-2023F

24 INDIA BATTERY ELECTRIC VEHICLE POWERTRAIN SYSTEMS MARKET  
REVENUES, BY BATTERY, 2014-2023F

25 AVERAGE BATTERY PACK PRICE (\$ PER KWH)

26 INDIA HYBRID ELECTRIC VEHICLE POWERTRAIN SYSTEMS MARKET  
REVENUES, BY GENERATOR/MOTOR, 2014-2023F, (\$ MILLION)

27 INDIA BATTERY ELECTRIC VEHICLE POWERTRAIN SYSTEMS MARKET  
REVENUES, BY GENERATOR/MOTOR, 2014-2023F, (\$ MILLION)

28 INDIA HYBRID ELECTRIC VEHICLE POWERTRAIN SYSTEMS MARKET  
REVENUES, BY CONTROLLER, 2014-2023F, (\$ MILLION)

29 INDIA BATTERY ELECTRIC VEHICLE POWERTRAIN SYSTEMS MARKET  
REVENUES, BY CONTROLLER, 2014-2023F, (\$ MILLION)

30 INDIA ELECTRIC VEHICLE POWERTRAIN SYSTEMS MARKET REVENUES, BY  
PASSENGER CAR, 2014-2023F (\$ MILLION)

31 DOMESTIC MARKET VOLUME SHARE FOR 2015-16

32 INDIA ELECTRIC VEHICLE POWERTRAIN SYSTEMS PRICE TREND, BY  
PASSENGER CAR, 2014-2023F (\$ THOUSAND)

33 INDIA ELECTRIC VEHICLE POWERTRAIN SYSTEMS MARKET REVENUES, BY  
TWO-WHEELERS, 2014-2023F (\$ MILLION)

34 INDIA ELECTRIC VEHICLE POWERTRAIN SYSTEMS PRICE TREND, BY TWO-  
WHEELERS, 2014-2023F (\$)

35 INDIA ELECTRIC VEHICLE POWERTRAIN SYSTEMS MARKET REVENUES, BY  
LIGHT/MEDIUM COMMERCIAL VEHICLES, 2014-2023F (\$ MILLION)

36 INDIA ELECTRIC VEHICLE POWERTRAIN SYSTEMS MARKET REVENUES, BY  
HEAVY COMMERCIAL VEHICLES, 2014-2023F (\$ MILLION)

37 INDIA ELECTRIC VEHICLE POWERTRAIN SYSTEMS PRICE TREND, BY  
LIGHT/MEDIUM COMMERCIAL VEHICLE, 2014-2023F (\$ THOUSAND)

38 INDIA ELECTRIC VEHICLE POWERTRAIN SYSTEMS PRICE TREND, BY HEAVY  
COMMERCIAL VEHICLE, 2014-2023F (\$ THOUSAND)

39 INDIA ELECTRIC VEHICLE POWERTRAIN SYSTEMS MARKET REVENUES, BY THREE-WHEELERS, 2014-2023F (\$ MILLION)

40 INDIA ELECTRIC VEHICLE POWERTRAIN SYSTEMS PRICE TREND, BY THREE-WHEELERS, 2014-2023F (\$)

41 INDIA ELECTRIC VEHICLE POWERTRAIN SYSTEMS MARKET REVENUE SHARE, BY PLAYERS (2016)

42 OVERALL DOMESTIC MARKET POTENTIAL BY AUTO COMPONENTS, 2020F

43 OVERALL EXPORT MARKET POTENTIAL BY AUTO COMPONENTS, 2020F

## List Of Tables

### LIST OF TABLES

- 1 FUND ALLOCATION UNDER FAME SCHEME
- 2 BREAK-UP OF FUND ALLOCATION UNDER FAME IN 2015-16
- 3 INCENTIVES BY GOVERNMENT OF INDIA FOR DIFFERENT TYPES OF ELECTRIC VEHICLES
- 4 INDIA BATTERY ELECTRIC VEHICLE POWERTRAIN SYSTEMS MARKET REVENUES, BY COMPONENTS TYPES, 2014-2023F (\$ MILLION)
- 5 AVERAGE RUNNING COST ANALYSIS OF ELECTRIC AND PETROL TWO-WHEELER
- 6 INDIA HYBRID ELECTRIC VEHICLE POWERTRAIN SYSTEMS MARKET REVENUES, BY COMPONENTS, 2014-2023F (\$ MILLION)
- 7 TYPES OF ELECTRIC VEHICLES
- 8 TYPES OF HYBRID ELECTRIC VEHICLES
- 9 DOMESTIC SALES TREND 2011-2017E
- 10 COMPARISON OF DIESEL, CNG, HYBRID AND ELECTRIC BUSES
- 11 INDIA THREE WHEELERS SALES VOLUME ANALYSIS
- 12 INDIA ELECTRIC VEHICLE POWERTRAIN SYSTEMS MARKET REVENUES, BY PLAYERS (2016)
- 13 DIFFERENT ELECTRIC VEHICLE MODELS IN INDIA
- 14 ELECTRIC /HYBRID VEHICLE MANUFACTURERS IN INDIA
- 15 COST-COMPARISON OF DIFFERENT VEHICLE TYPES
- 16 GST TAX RATE STRUCTURE ON VEHICLES IN INDIA
- 17 AUTOMOBILES EXPORT TREND IN INDIA

## I would like to order

Product name: India Electric Vehicle Powertrain Systems Market (2017-2023): Market Forecast By Technology, Components, Vehicle Type and Competitive Landscape

Product link: <https://marketpublishers.com/r/IED75152D6EEN.html>

Price: US\$ 1,960.00 (Single User License / Electronic Delivery)

If you want to order Corporate License or Hard Copy, please, contact our Customer Service:

[info@marketpublishers.com](mailto:info@marketpublishers.com)

## Payment

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click button on product page <https://marketpublishers.com/r/IED75152D6EEN.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

