



**Global and China Electric Vehicle (BEV,
PHEV) Industry Report, 2016-2020**

Apr. 2016

STUDY GOAL AND OBJECTIVES

This report provides the industry executives with strategically significant competitor information, analysis, insight and projection on the competitive pattern and key companies in the industry, crucial to the development and implementation of effective business, marketing and R&D programs.

REPORT OBJECTIVES

- ◆ To establish a comprehensive, factual, annually updated and cost-effective information base on market size, competition patterns, market segments, goals and strategies of the leading players in the market, reviews and forecasts.
- ◆ To assist potential market entrants in evaluating prospective acquisition and joint venture candidates.
- ◆ To complement the organizations' internal competitor information gathering efforts with strategic analysis, data interpretation and insight.
- ◆ To suggest for concerned investors in line with the current development of this industry as well as the development tendency.
- ◆ To help company to succeed in a competitive market, and

METHODOLOGY

Both primary and secondary research methodologies were used in preparing this study. Initially, a comprehensive and exhaustive search of the literature on this industry was conducted. These sources included related books and journals, trade literature, marketing literature, other product/promotional literature, annual reports, security analyst reports, and other publications. Subsequently, telephone interviews or email correspondence was conducted with marketing executives etc. Other sources included related magazines, academics, and consulting companies.

INFORMATION SOURCES

The primary information sources include Company Reports, and National Bureau of Statistics of China etc.

Abstract

In 2015, global and Chinese electric vehicle markets were still in the accelerated growth phase; wherein, the global electric vehicle (EV & PHEV) sales volume reached 549,000, increasing by 72.83% year on year; China sold 331,100 electric vehicles, with a year-on-year surge of 343%. From January to February of 2016, the sales volume in China totaled 35,700, going up 1.7 times year on year and marking the sustainable growth.

Affected by multiple factors such as environmental requirements, new technologies and business promotion, the future global and Chinese electric vehicle markets will maintain a rapid development pace. Global and China's sales volume is expected to exceed the 2 million mark in 2019 and 2020 respectively, and China will become the world's leading electric vehicle (EV & PHEV) market.

From the point of view of market segments:

Passenger Vehicle Market: The demand for plug-in hybrid vehicles which are more in line with the current consumer habits is growing radically, with a rising market share. In 2015, the sales volume amounted to 63,700, with 30.8% market share; in the first two months of 2016, it climbed to 9,727 with 41.2% market share. Chinese plug-in hybrid passenger vehicle manufacturers mainly refer to BYD, SAIC Roewe, GAC Trumpchi, BMW Brilliance, Volvo and the like. With two models --- Qin and Tang, BYD garners the overwhelming share in this market, namely 79% in 2015 and 80% in the first two months of 2016. In future, joint ventures will perform more actively; FAW-Volkswagen (Golf plug-in, Bora plug-in, Magotan plug-in), Shanghai GM (LaCrosse plug-in), Honda (Accord plug-in), Dongfeng Peugeot, Dongfeng Yulong, DongfengYueda Kia (K5 plug-in) plan to launch plug-in hybrid models in 2020.

Bus Market: The output escalated 313% year on year to 112,400 in 2015 and rose 39.48% year on year to 4,430 in the first two months of 2016. The main reason for the slowing growth rate lied in adjusted subsidies. Currently, the market is primarily promoted by the government and subsidies, and the market size will reach about 200,000 buses in 2020. In 2015, main players in this market embraced Yutong Bus, Xiamen King Long Motor Group (including three wholly-owned subsidiaries: Higer Bus, Xiamen King Long United Automotive Industry, Xiamen Golden Dragon Bus), Zhongtong Bus, etc.. In 2016, the changes in subsidies will encourage bus companies to prioritize high-performance products with more than 8 meters.

Special Purpose Vehicle Market: The output soared 10.7 times year on year to 47,800 in 2015; in the first two months of 2016, the output jumped by 115.55% year on year to 804. The future growth of segments will be mainly dependent on the rapid development of the logistics industry and the swelling demand for urban logistics vehicles. In 2015, Dongfeng Motor ranked first in the market, with 13.91% market share. BAIC, SAIC, BYD, Yutong and other powerful companies have also targeted this market, which will intensify the market competition.

Top 10 Enterprises and Their Share in Chinese Electric Vehicle Market Segments, 2015

Ranking	Electric Passenger Vehicles		Electric Buses		Special Electric Vehicles	
	Enterprise	Market Share	Enterprise	Market Share	Enterprise	Market Share
1	BYD	29.88%	Yutong Bus	17.60%	Dongfeng Motor	13.91%
2	Geely	24.09%	Higer Bus	9.38%	Chongqing Richi	9.89%
3	Zotye	11.82%	Zhongtong Bus	9.10%	Shaanxi Tongjia	8.61%
4	BAIC	8.28%	Nanjing Dragon Golden	7.86%	Chongqing Lifan	7.53%
5	Chery	6.82%	Dongfeng Motor	4.63%	Guohong Automobile	7.08%
6	SAIC	5.43%	BYD	4.59%	BAIC	6.11%
7	JAC	5.02%	Xiamen Golden Dragon Bus	4.35%	NLM Motor	4.84%
8	Lifan	2.56%	Xiamen King Long United Automotive Industry	3.73%	Jiangsu Aoxin	4.55%
9	JMC	2.54%	Jiulong Motor	3.41%	Wuhu Bodge	4.25%
10	Changan	1.16%	Beiqi Foton	3.13%	Tianjin Qingyuan	4.02%
Total		97.62%		67.77%		70.80%

Source: ResearchInChina

The report highlights the followings:

- Major policies about electric vehicle industry in China;
- Sales volume of electric vehicles, competitive pattern and development trend worldwide;
- Sales volume of electric vehicles, competitive pattern and development trend in China;
- Production and sale and competitive landscape of electric vehicle market segments in China, involving electric passenger vehicle (BEV, PHEV), electric bus (BEV, PHEV), and electric logistics vehicle;
- Electric vehicle industry chain in China, covering charging pile, battery, motor, inverter, and IGBT;
- Status quo, production bases, capacity, planning for vehicle models, development strategies, etc. of key Chinese electric vehicle manufacturers.

1 Overview of Electric Vehicle Industry

- 1.1 Introduction and Classification of Electric Vehicle
 - 1.1.1 Introduction
 - 1.1.2 Classification
 - 1.1.3 Technology Roadmap
- 1.2 Electric Vehicle Industry Chain

2 Policies on Electric Vehicle

- 2.1 Policy of Fiscal Subsidies
 - 2.1.1 Subsidies for Electric Passenger Vehicle
 - 2.1.2 Subsidies for Electric Bus
 - 2.1.3 Subsidies for Fuel Cell Bus
- 2.2 Catalogue for the Recommended Models of New Energy Vehicle Popularization and Application (New Edition)
- 2.3 Policy about Battery Recovery Technologies
- 2.4 Policy of Tax Preferences
- 2.5 Policy of Production Permit

3 Electric Vehicle Market

- 3.1 Global Market
 - 3.1.1 Overview
 - 3.1.2 European Market
 - 3.1.3 American Market
- 3.2 Chinese Market

- 3.2.1 Output
- 3.2.2 Sales Volume
- 3.2.3 Competitive Landscape
- 3.2.4 Market Structure
- 3.2.5 Import Market

4 Chinese Electric Passenger Vehicle Market

- 4.1 Output
- 4.2 Sales Volume
- 4.3 Competitive Landscape
- 4.4 Enterprise Layout

5 Chinese Electric Commercial Vehicle Market

- 5.1 Overview
- 5.2 Electric Bus
- 5.3 Electric Truck

6 Chinese Electric Vehicle Manufacturers

- 6.1 SAIC Motor
 - 6.1.1 Profile
 - 6.1.2 Operation
 - 6.1.3 Output and Sale Volume of Electric Vehicle
 - 6.1.4 Development Strategy
 - 6.1.5 Planning for Vehicle Models
 - 6.1.6 Layout of Industrial Chain

- 6.2 FAW Group
 - 6.2.1 Profile
 - 6.2.2 Operation
 - 6.2.3 Electric Vehicles
 - 6.2.4 Electric Vehicle Development Strategy
- 6.3 Dongfeng Motor Corporation
 - 6.3.1 Profile
 - 6.3.2 Operation
 - 6.3.3 Output and Sale Volume of Electric Vehicle
 - 6.3.4 Electric Vehicle Development Strategy
- 6.4 BYD
 - 6.4.1 Profile
 - 6.4.2 Operation
 - 6.4.3 Output and Sale Volume of Electric Vehicle
 - 6.4.4 Planning for Vehicle Models
 - 6.4.5 Strategic Layout
 - 6.4.6 Overseas Markets
 - 6.4.7 DENZA
- 6.5 Changan Automobile
 - 6.5.1 Profile
 - 6.5.2 Operation
 - 6.5.3 Electric Vehicles
 - 6.5.4 Planning for Vehicle Models
 - 6.5.5 Production Bases
 - 6.5.6 Electric Vehicle Development Strategy

6.6 Chery Automobile	6.9.1 Profile	6.12.5 Electric Vehicle Development Strategy
6.6.1 Profile	6.9.2 Operation	6.13 Zotye
6.6.2 Operation	6.9.3 Electric Vehicles	6.13.1 Profile
6.6.3 Output and Sales Volume of Electric Vehicle	6.9.4 Sales Objective	6.13.2 Sales Volume of Electric Vehicle
6.6.4 Key Projects	6.9.5 Technology Roadmap	6.13.3 Electric Vehicle Development Strategy
6.6.5 Planning for Vehicle Models	6.9.6 Electric Vehicle Development Strategy	
6.6.6 Yiqitaixing	6.9.7 Cooperation with UBER	7 Electric Vehicle Industry Chain
6.6.7 Electric Vehicle Development Strategy	6.10 Brilliance Auto	7.1 Infrastructure
6.7 GEELY	6.10.1 Profile	7.1.1 Quantity of Charging Stations and Charging Piles
6.7.1 Profile	6.10.2 Operation	7.1.2 Construction in Major Cities
6.7.2 Operation	6.10.3 Output and Sales Volume of Electric Vehicle	7.1.3 Development Plan
6.7.3 Output of Electric Vehicle	6.10.4 Electric Vehicle Development Strategy	7.1.4 Suppliers of Charging Equipment
6.7.4 Joint Ventures	6.10.5 Cooperation with Neusoft	7.2 Key Components
6.7.5 Electric Vehicle Development Strategy	6.11 Great Wall Motor	7.2.1 Battery
6.8 BAIC Group	6.11.1 Profile	7.2.2 Motor
6.8.1 Profile	6.11.2 Operation	7.2.3 Inverter
6.8.2 Operation	6.11.3 Electric Vehicles	7.2.4 IGBT
6.8.3 Output and Sales Volume of Electric Vehicle	6.11.4 Electric Vehicle Development Strategy	
6.8.4 Production Bases	6.11.5 Wireless Charging System	8 Summary and Prediction
6.8.5 Joint Ventures	6.11.6 Key Projects	8.1 Market Forecast
6.8.6 Planning for Vehicle Models	6.12 JAC	8.1.1 Market as a Whole
6.8.7 Development Strategy	6.12.1 Profile	8.1.2 Market Segments
6.8.8 Partnership with Shandong Baoya New Energy Vehicle Co., Ltd.	6.12.2 Operation	8.1.3 Competitive Landscape
6.9 GAC Group	6.12.3 Electric Vehicles	8.2 Summary of Enterprises
	6.12.4 Key Projects	8.2.1 Production Layout of Key Players

- Main Types of New Energy Vehicle
- Classification of Hybrid Cars
- Emphases of Electric Vehicle Technologies in Key Countries and Regions Worldwide
- Technology Roadmap for New Energy Vehicle in China
- Electric Vehicle Industry Chain
- Subsidy Standards for Electric Passenger Vehicle, 2013-2020E
- Subsidy Standards for Electric Bus, 2016
- Subsidy Standards (Central Finance) for Electric Bus in China, 2014-2015
- Subsidy Standards for Fuel Cell Vehicle in China, 2016
- Number of Models of the Catalogue for the Recommended Models of New Energy Vehicle Popularization and Application (New Edition) (1st-2nd Batch)
- Manufacturers of the Catalogue for the Recommended Models of New Energy Vehicle Popularization and Application (New Edition) (1st Batch)
- Manufacturers of the Catalogue for the Recommended Models of New Energy Vehicle Popularization and Application (New Edition) (2nd Batch)
- China ICE and EV Taxes
- Catalogue for the Models Exempted from New Energy Vehicle Purchase Tax (1st Batch)
- Catalogue for the Models Exempted from New Energy Vehicle Purchase Tax (2nd, Batch)
- Catalogue for the Models Exempted from New Energy Vehicle Purchase Tax (3rd Batch)
- Sales Volume of Electric Passenger Vehicle (EV & PHEV) Worldwide, 2013-2015
- Ranking of World's New Energy Passenger Vehicle Makers by Sales Volume, 2015
- Ranking of World's Electric Vehicle Models (EV & PHEV) by Sales Volume, 2015
- World's Top 10 Electric Vehicle Models (EV & PHEV) by Sales Volume, 2016
- Sales Volume of Electric Passenger Vehicle (EV & PHEV) Worldwide, 2016-2020E
- Ranking of New Energy Vehicle (EV & PHEV) by Sales Volume in Europe, 2015
- Ranking of New Energy Vehicle (EV & PHEV) by Sales Volume in Europe, 2016

- Ranking of New Energy Vehicle (EV & PHEV) by Sales Volume in the United States, 2015
- Ranking of New Energy Vehicle (EV & PHEV) by Sales Volume in the United States, 2016
- Output of New Energy Vehicle (EV & PHEV) in China, 2015-2016
- Sales Volume of Electric Vehicle in China, 2011-2015
- Sales Volume of New Energy Vehicle in Market Segments in China, 2015
- Sales Volume of Electric Vehicle in China, 2016-2020E
- Competitive Pattern of Electric Passenger Vehicle (EV & PHEV) in China, 2015
- Competitive Pattern of Electric Bus in China, 2015
- Competitive Pattern of Electric Truck in China, 2015
- Electric Vehicle Market Structure in China, 2015
- Electric Vehicle Market Structure (by Type of Power) in China, 2011-2020E
- Electric Vehicle Market Structure (by Vehicle Model) in China, 2011-2020E
- BYD Tang PHEV, BMW X5 PHEV, and Volvo SC90 PHEV
- Import Volume of Energy-saving and New Energy Passenger Vehicle (EV, PHEV & HEV) in China, 2015
- Output of New Energy Passenger Vehicle (EV & PHEV) (by Vehicle Model) in China, 2015-2016
- Sales Volume of New Energy Passenger Vehicle in China, 2015-2016
- Sales Volume of Energy-saving and New Energy Passenger Vehicle (EV, PHEV & HEV) (by Vehicle Model) in China, 2015-2016
- Sales Volume of New Energy Passenger Vehicle (EV & PHEV) (by Level) in China, 2015-2016
- Sales Volume of New Energy Passenger Vehicle (EV) (by Level) in China, 2015-2016
- Sales Volume of New Energy Passenger Vehicle (PHEV) (by Level) in China, 2015-2016
- Market Shares of New Energy Passenger Vehicle (EV & PHEV) Manufacturers in China, 2015
- Market Shares of New Energy Passenger Vehicle (EV & PHEV) Manufacturers in China, Jan-Feb., 2016
- Layout of Joint Venture Models in China
- Output of New Energy Commercial Vehicle in China, 2015-2016
- Output of Electric Buses in China, 2015-2016

- Top 10 by New Energy Bus Output in China, 2015-2016
- Top 10 by Battery Electric Bus Output in China, 2015-2016
- Top 10 by PHEV Bus Output in China, 2015-2016
- Top 20 by Battery Electric Bus(by Model) Output in China, 2015-2016
- Top 20 by PHEV Bus (by Model) Output in China, 2015-2016
- Output of Electric Trucks in China, 2015-2016
- Output of Battery Electric Trucks (by Enterprise) in China, 2015-2016
- Top 20 by Battery Electric Truck (by Model) Output in China, 2015-2016
- Automobile Output and Sales Volume of SAIC Group, 2010-2016
- Revenue and Net Income of SAIC Group, 2010-2015
- Gross Margin of SAIC Group, 2010-2015
- Revenue (by Product) of SAIC Group, 2010-2015
- Gross Margin (by Product) of SAIC Group, 2010-2015
- Output and Sales Volume of Main Electric Vehicles of SAIC Group, 2012-2016
- Electric Vehicle Planning of SAIC ROEWE
- Automobile Output and Sales Volume of FAW Group, 2010-2016
- Revenue of FAW Group, 2009-2014
- Automobile Output and Sales Volume of Dongfeng Motor, 2010-2016
- Revenue and Net Income of Dongfeng Motor, 2010-2015
- Gross Margin of Dongfeng Motor, 2010-2015
- Revenue of Dongfeng Motor (by Product), 2010-2015
- Gross Margin of Dongfeng Motor (by Product), 2010-2015
- Output and Sales Volume of Main Electric Vehicles of Dongfeng Motor, 2013-2016
- Automobile Output and Sales Volume of BYD, 2010-2016
- Revenue and Net Income of BYD, 2010-2015

- Gross Margin of BYD, 2010-2015
- Revenue of BYD (by Product), 2010-2015
- Gross Margin of BYD (by Product), 2010-2015
- Output and Sales Volume of Main Electric Vehicles of BYD, 2012-2016
- Supply Chain of Core Parts of BYD Electric Vehicles
- Planning for BYD Electric Vehicle Models, 2016
- Output and Sales Volume of Changan Automobile, 2010-2016
- Revenue and Net Income of Changan Automobile, 2010-2015
- Gross Margin of Changan Automobile, 2010-2015
- Total Assets, Revenue and Net Income of Chongqing Changan New Energy Automobile, 2009-2014
- Planning for Changan Electric Vehicle Models, 2017-2020
- Layout of Changan New Energy Vehicle R&D and Production Bases
- Changan New Energy Vehicle Development Path
- Output and Sales Volume of Chery Automobile, 2010-2016
- Output and Sales Volume of Main Electric Vehicles of Chery Automobile, 2011-2015
- Chery Electric Vehicle Models to be Launched, 2016-2017
- Automobile Output and Sales Volume of Geely, 2010-2016
- Revenue and Net Income of Geely, 2009-2015
- Output of Main Electric Vehicle Models of Geely, 2015-2016
- Geely Electric Vehicle Sales Volume by Models, 2015
- Automobile Output and Sales Volume of BAIC Motor, 2010-2016
- Revenue and Total Profit of BAIC Motor, 2009-2015
- BEV Output of BAIC BJEV, 2012-2016
- Output of BAIC BJEV by Models, 2015-2016
- New Energy Vehicle Industry Layout of BAIC Motor

- New Energy Vehicle Production Bases of BAIC Motor
- Corporate Structure of BAIC BJEV
- Product Planning of BAIC BJEV
- Automobile Output and Sales Volume of GAC Group, 2010-2016
- Revenue and Net Income of GAC Group, 2011-2015
- Gross Margin of GAC Group, 2011-2015
- Output and Sales Volume of Brilliance Auto, 2010-2016
- Revenue of Brilliance Auto, 2012-2015
- EV Sales Volume of Brilliance Auto, 2015-2016
- Output and Sales Volume of Great Wall Motors, 2010-2016
- Revenue and Net Income of Great Wall Motors, 2010-2015
- Gross Margin of Great Wall Motors, 2010-2015
- Main EV Products of Great Wall Motors
- Four New Energy Projects of Great Wall Motors
- Output and Sales Volume of JAC, 2010-2016
- Revenue and Net Income of JAC, 2010-2015
- Gross Margin of JAC, 2010-2015
- Sales Volume of JAC iEV BEV, 2014-2016
- Output and Sales Volume of Zotye Auto, 2010-2016
- EV Sales Volume of Zotye Auto, 2015-2016
- China's EV Charging Station Ownership, 2010-2020E
- China's Charging Pile Ownership, New Energy Vehicle Ownership and Vehicle-Pile Ratio, 2010-2015
- China's EV Charging Pile Ownership, 2010-2020E
- Statistics of Charging Piles (by Purpose) as of 2015
- Quantitative Statistics of Charging Piles in Major Domestic Cities, 2014-2015

- China EV Charging Pile Construction Plan, 2015-2020
- State Grid EV Charging Station Construction Plan, 2009-2020
- Contrast Analysis of Product Schemes of 41 Chinese Charging Equipment Suppliers
- Output of Major Battery Companies, 2014-2015
- Major Global and Chinese Lithium-ion Battery Companies
- Major Global and Chinese Drive Motor Manufacturers and Their Supporting Customers
- Major Global and Chinese Electric Vehicle Inverter Manufacturers
- Major Global Electric Vehicle IGBT Manufacturers
- Global and China's Electric Vehicle Sales Volume and Growth, 2013-2020E
- China's Electric Passenger Vehicle Sales Volume, 2013-2020E
- Top10 Electric Passenger Vehicle Enterprises in China, 2015
- Top10 Electric Bus Enterprises in China, 2015
- Top10 Electric Truck Enterprises in China, 2015
- EV Business Layout of Major Enterprises in China
- (Targeted) EV Sales Volume of Major Enterprises, 2015, 2016, 2020

You can place your order in the following alternative ways:

1. Order online at www.researchinchina.com
2. Fax order sheet to us at fax number: +86 10 82601570
3. Email your order to: report@researchinchina.com
4. Phone us at +86 10 82600828/ 82601561

Party A:			
Name:			
Address:			
Contact Person:		Tel	
E-mail:		Fax	

Party B:			
Name:	Beijing Waterwood Technologies Co., Ltd (ResearchInChina)		
Address:	Room 502, Block 3, Tower C, Changyuan Tiandi Building, No. 18, Suzhou Street, Haidian District, Beijing, China 100080		
Contact Person:	Liao Yan	Phone:	86-10-82600828
E-mail:	report@researchinchina.com	Fax:	86-10-82601570
Bank details:	Beneficial Name: Beijing Waterwood Technologies Co., Ltd Bank Name: Bank of Communications, Beijing Branch Bank Address: NO.1 jinxiyuan shijicheng, Landianchang, Haidian District, Beijing Bank Account No #: 110060668012015061217 Routing No #: 332906 Bank SWIFT Code: COMMCNSHBJG		

Title	Format	Cost
<i>Total</i>		

Choose type of format

- PDF (Single user license)2,400 USD
- Hard copy 2,600 USD
- PDF (Enterprisewide license)..... 3,900 USD

※ Reports will be dispatched immediately once full payment has been received.
Payment may be made by wire transfer or credit card via PayPal.

About ResearchInChina

ResearchInChina (www.researchinchina.com) is a leading independent provider of China business intelligence. Our research is designed to meet the diverse planning and information needs of businesses, institutions, and professional investors worldwide. Our services are used in a variety of ways, including strategic planning, product and sales forecasting, risk and sensitivity management, and as investment research.

Our Major Activities

- ***Multi-users market reports***
- ***Database-RICDB***
- ***Custom Research***
- ***Company Search***

For any problems, please contact our service team at: