China Electric Bus Industry Report, 2016-2020

Description: In 2015, as a result of demand reduction, the Chinese bus market witnessed a 2.69% decline in output and a 1.90% drop in sales volume. The market is expected to keep falling during 2016-2018, followed by a modest uptick in 2019-2020.

The New Deal Supporting New Energy Vehicles released by the State Council in early 2016 specifically instructs the next-step target towards high and mid-end development and adopts the policy of "substituting subsidies with rewards" for power batteries.

The growth of low-end electric buses which made up the majority of sales last year will be suppressed; besides, both decreased amount of subsidy and enhanced supervision on subsidy process will cause impact on low-end electric bus market.

China produced 112,296 electric buses in 2015, a year-on-year surge of 315%; 30,058 units in January-May 2016, a year-on-year increase of 81.18%. The overall growth has slowed compared with 2015 mainly because the introduction of the New Deal has greatly stimulated the market, giving rise to market consumption in advance before subsidy cuts. A gradual decrement trend will last over the next few years and eventually return to rationality.

In 2015, 88,248 pure electric buses were produced, accounting for 78.52%. In January-May 2016, 22,105 units were produced, including 4,400 units from Zhongtong Bus & Holding Co., Ltd., which as the dark horse of the pure electric bus market saw market share rising from 9.28% in 2015 to 19.90% in 2016.

In 2015, 24,048 plug-in hybrid electric buses were produced, registering 21.4%. Zhengzhou Yutong Bus Co., Ltd. with 6,348 units and 26.4% market share was far ahead. China has ended subsidies for ordinary hybrid electric buses since 2015, thus, most of the bus manufacturers have turned to production of plug-in hybrid electric buses.

In 2015, small buses and large buses made major contribution to the Chinese electric bus market. Among them, small buses with output of 53,034 units boasted the highest share of 47.23% since city bus, special bus and short-tour bus maintained a good momentum of growth. And with the diversification of riding demand, community minibus and customized bus will also be the markets for small bus. In the future, small electric bus will usher in high-speed growth.

In 2015, Xiamen King Long Motor Group Co., Ltd. (including its three wholly-owned subsidiaries, namely King Long United Automotive Industry (Suzhou) Co., Ltd., Nanjing Golden Dragon Bus Co., Ltd and Xiamen Golden Dragon Bus Co., Ltd.), Zhengzhou Yutong Bus Co., Ltd., Zhongtong Bus & Holding Co., Ltd., BYD Company Limited and Dongfeng Motor Corporation as the top five electric bus manufacturers recorded total output of 50,357 units, accounting for 57.07%; the top ten manufacturers reported 59,956 units, making up 67.94%, indicating a high rate of market concentration.

Electric public transportation bus and tour bus will still be impetus for large bus growth in the future; medium bus growth is relatively weak; small bus is experiencing double-digit decreases in 2016 due to varying degrees of decline in subsidies for many models, the models not conforming to the requirements of national and local financial subsidies as well as intermingled manufacturing technologies, however, with growing demand from urban traffic and increasing density of battery energy, small bus and small electric bus will be the main driver of future growth.

The report covers the following:

- Significance of promotion, status quo, international and domestic development trends of electric buses;
- Mainstream technology roadmap, battery/motor/electronic control industry chain situation and trend of electric buses in China;
- Main subsidies for purchasing (tax credits and fiscal subsidies) and using electric buses in China, as well as promotion policies across the country;
- China's electric bus output, sales volume and trends, as well as competition pattern, market share, sales forecast, investment and capacity of key players;
- Technical level, production and marketing scale, capacity and development strategy of 12 major electric bus manufacturers in China.

Contents:

1 Overview of Electric Bus
   1.1 Significance of Popularization
   1.2 Ecology & Economy
      1.2.1 Ecology
      1.2.2 Economy
   1.3 Status Quo and Trend of Promotion in China
      1.3.1 Electric City Bus is Main Promotion Variety
      1.3.2 Electric Highway Bus Will Be New Growth Point
      1.3.3 Pure Electric City Bus Will Be Main Direction for Next Four Years
   1.4 Status Quo and Trend of Promotion Abroad
      1.4.1 Status Quo of Electric Bus Promotion
      1.4.2 Trend of Electric Bus Technology

2 Industry Chain
   2.1 Technology Roadmap
   2.2 Battery
   2.3 Motor & Controller

3 Industry Policies
   3.1 Purchase Tax Reduction/Exemption Policies
   3.2 Fiscal Subsidy Policies
      3.2.1 Subsidies for Electric Buses 2014-2015
      3.2.2 Subsidies for Electric Buses 2016-2020
      3.2.3 Subsidies for Fuel Cell Buses
   3.3 Fuel Subsidy Removal Policies
   3.4 EV Promotion Policies

4 Chinese Electric Bus Market
   4.1 Electric Bus Market
      4.1.1 Overall Market
      4.1.2 Enterprise Competition
      4.1.3 Investment and Capacity
   4.2 Total Bus Market
      4.2.1 Overall Market
      4.2.2 Enterprise Competition

5 Chinese Electric Bus Manufacturers
   5.1 Zhengzhou Yutong Bus Co., Ltd.
      5.1.1 Profile
      5.1.2 Operation
      5.1.3 Electric Bus Business
      5.1.4 All Bus Business
      5.1.5 Bus Capacity
      5.1.6 Parts Support
   5.2 BYD Company Limited
      5.2.1 Profile
      5.2.2 Operation
      5.2.3 Electric Bus Business
      5.2.4 Battery Business
      5.2.5 All Electric Vehicle Business
   5.3 Xiamen King Long Motor Group Co., Ltd.
      5.3.1 Profile
      5.3.2 Operation
      5.3.3 Electric Bus Business
      5.3.4 All Bus Business
5.3.5 Bus Capacity
5.4 Nanjing Golden Dragon Bus Co., Ltd
5.4.1 Profile
5.4.2 Electric Bus Business
5.5 Zhongtong Bus Holding Co., Ltd.
5.5.1 Profile
5.5.2 Operation
5.5.3 Electric Bus Business
5.5.4 All Bus Business
5.5.5 Bus Capacity
5.6 BeiqiFoton Motor Co., Ltd.
5.6.1 Profile
5.6.2 Operation
5.6.3 Electric Bus Business
5.6.4 All Bus Business
5.6.5 Bus Capacity
5.7 Shanghai Sunwin Bus Corporation
5.7.1 Profile
5.7.2 Electric Bus Business
5.7.3 All Bus Business
5.7.4 Bus Capacity
5.8 Hunan CRRC Times Electric Vehicle Co.,Ltd.
5.8.1 Profile
5.8.2 Operation
5.8.3 Electric Bus Business
5.8.4 Bus Capacity
5.9 Anhui Ankai Automobile Co., Ltd.
5.9.1 Profile
5.9.2 Operation
5.9.3 Electric Bus Business
5.9.4 All Bus Business
5.9.5 Bus Capacity
5.10 Young Man Bus Co., Ltd.
5.10.1 Profile
5.10.2 Electric Bus Business
5.10.3 All Bus Business
5.10.4 Bus Capacity
5.11 Chongqing Hengtong Bus Co., Ltd.
5.11.1 Profile
5.11.2 Operation
5.11.3 Electric Bus Business
5.11.4 All Bus Business
5.11.5 Bus Capacity
5.12 Wuzhoulong MotorsCo., Ltd.
5.12.1 Profile
5.12.2 Operation
5.12.3 Electric Bus Business
5.12.4 All Bus Business
5.12.5 Bus Capacity

List of Charts
- Ownership of City Buses in China, 2008-2014
- Proportion of Urban Passenger Traffic in China
- Vehicle Pollutant Emission
- CO2 Emission per Km of Various Buses (g/km, vehicle)
- Pollutant Emission of Various Buses inside City (Kg/year, vehicle)
- Pollutant Emission of Various Buses outside City (Kg/year, vehicle)
- Overall Pollutant Emission of Various Buses (Kg/year, vehicle)
- Total Costs of Various Buses during Whole Life Cycle - before Subsidies
- Total Costs of Various Buses during Whole Life Cycle - after Purchase Subsidies
- Total Costs of Various Buses during Whole Life Cycle - after Purchase and Fuel Subsidies
- Results of Comprehensive Comparison between Different Technology Roadmaps
- Promotion of Electric Bus Worldwide (as of 2014)
- Technical Sketch Map of Wireless Charging Bus
- New Energy Buses of BYD
- Cost Breakdown of BYD K9 Battery Electric Bus
- Technical Parameters of Ferric Manganese Phosphate Lithium Battery
- Capacity, Weight and Cost of BYD Power Battery Pack
- Equity Structure of Xiamen King Long Motor Group, 2014
- Main Financial Indexes of Xiamen King Long Motor Group, 2010-2016Q1
- Revenue Breakdown of Xiamen King Long Motor Group by Region, 2009-2015
- New Energy Bus Sales Volume (by Length) of Xiamen King Long Motor Group, 2015
- New Energy Bus Sales Volume/Value (by Purpose) of Xiamen King Long Motor Group, 2015
- Series-parallel Power Hybrid System of Xiamen Golden Dragon Bus
- Output (by Model) of Xiamen King Long Motor Group, 2010-2016, 1-5
- Sales Volume (by Model) of Xiamen King Long Motor Group, 2010-2016, 1-5
- Electric Bus Investment Plan of Xiamen King Long Motor Group
- Equity Structure of Zhongtong Bus & Holding, 2014
- Operating Performance of Zhongtong Bus & Holding, 2010-2016Q1
- Revenue and Gross Margin (by Region) of Zhongtong Bus & Holding, 2010-2015
- Core Suppliers for Electric Bus of Zhongtong Bus & Holding
- Sales Volume of Zhongtong Bus & Holding, 2010-2016, 1-6
- Electric Bus Projects under Construction of Zhongtong Bus & Holding
- Equity Structure of BeiqiFoton Motor
- Key Financial Indexes of BeiqiFoton Motor, 2010-2016Q1
- Revenue Breakdown (by Product) of BeiqiFoton Motor, 2009-2015
- Revenue Breakdown (by Region) of BeiqiFoton Motor, 2010-2015
- New Energy Bus Orders of Foton AUV, 2016
- Core Suppliers for Electric Bus of BeiqiFoton Motor
- Light Bus Revenue and Sales Volume of BeiqiFoton Motor, 2011-2016
- Large and Medium Bus Revenue and Sales Volume of BeiqiFoton Motor, 2011-2016
- Bus (Including Electric Bus) Capacity Layout of BeiqiFoton Motor
- Equity Structure of Shanghai Sunwin Bus Corporation, 2014
- Output (by Model) of Shanghai Sunwin Bus Corporation, 2010-2016, 1-6
- Sales Volume (by Model) of Shanghai Sunwin Bus Corporation, 2009-2015H1
- Bus (Including Electric Bus) Capacity Layout of Shanghai Sunwin Bus Corporation, 2014
- Investment Plan of Shanghai Sunwin Bus Corporation
- Core Suppliers for Electric Bus of Hunan CRRC Times Electric Vehicle
- Electric Bus Capacity Layout of Hunan CRRC Times Electric Vehicle, 2014
- Equity Structure of Anhui Ankai Automobile, 2014
- Key Financial Indexes of Anhui Ankai Automobile, 2010-2016Q1
- Revenue Breakdown (by Product) of Anhui Ankai Automobile, 2009-2015
- Revenue Breakdown (by Region) of Anhui Ankai Automobile, 2010-2015
- Electric Bus Sales Volume of Anhui Ankai Automobile, 2012-2017E
- Core Suppliers for Electric Bus of Anhui Ankai Automobile
- Output (by Model) of Anhui Ankai Automobile, 2010-2016, 1-5
- Sales Volume (by Model) of Anhui Ankai Automobile, 2010-2016, 1-5
- Capacity Layout (Including Electric Bus) of Anhui Ankai Automobile
- Core Suppliers for Electric Bus of Young Man Bus
- Output (by Model) of Young Man Bus, 2010-2016, 1-6
- Sales Volume (by Model) of Young Man Bus, 2010-2016, 1-6
- Capacity Layout of Young Man Bus, 2014
- Equity Structure of Hengtong Electric Bus
- Output (by Model) of Chongqing Hengtong Bus, 2011-2015
- Sales Volume (by Model) of Chongqing Hengtong Bus, 2011-2015
- Operating Performance of Shenzhen Wuzhoulong Motors, 2012-2015

Ordering:

Order Online - http://www.researchandmarkets.com/reports/3803311/

Order by Fax - using the form below

Order by Post - print the order form below and send to

Research and Markets,
Guinness Centre,
Taylors Lane,
Dublin 8,
Ireland.
Fax Order Form
To place an order via fax simply print this form, fill in the information below and fax the completed form to 646-607-1907 (from USA) or +353-1-481-1716 (from Rest of World). If you have any questions please visit http://www.researchandmarkets.com/contact/

Order Information
Please verify that the product information is correct and select the format(s) you require.

Product Name: China Electric Bus Industry Report, 2016-2020
Web Address: http://www.researchandmarkets.com/reports/3803311/
Office Code: SCH37X96

Product Formats
Please select the product formats and quantity you require:

<table>
<thead>
<tr>
<th>Quantity</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>Electronic (PDF)</td>
<td>USD 2200</td>
</tr>
<tr>
<td>Single User</td>
<td></td>
</tr>
<tr>
<td>Hard Copy</td>
<td>USD 2400 + USD 58 Shipping/Handling</td>
</tr>
<tr>
<td>Electronic (PDF)</td>
<td>USD 3600</td>
</tr>
<tr>
<td>Enterprise-wide</td>
<td></td>
</tr>
</tbody>
</table>

* Shipping/Handling is only charged once per order.

Contact Information
Please enter all the information below in BLOCK CAPITALS

<table>
<thead>
<tr>
<th>Title:</th>
<th>Mr</th>
<th>Mrs</th>
<th>Dr</th>
<th>Miss</th>
<th>Ms</th>
<th>Prof</th>
</tr>
</thead>
<tbody>
<tr>
<td>First Name:</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Last Name:</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Email Address:*</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Job Title:</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Organisation:</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Address:</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>City:</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Postal / Zip Code:</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Country:</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Phone Number:</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Fax Number:</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

* Please refrain from using free email accounts when ordering (e.g. Yahoo, Hotmail, AOL)
Payment Information

Please indicate the payment method you would like to use by selecting the appropriate box.

☐ Pay by credit card: You will receive an email with a link to a secure webpage to enter your credit card details.

☐ Pay by check: Please post the check, accompanied by this form, to:

Research and Markets,
Guinness Center,
Taylors Lane,
Dublin 8,
Ireland.

☐ Pay by wire transfer: Please transfer funds to:

Account number 833 130 83
Sort code 98-53-30
Swift code ULSBIE2D
IBAN number IE78ULSB98533083313083
Bank Address Ulster Bank,
27-35 Main Street,
Blackrock,
Co. Dublin,
Ireland.

If you have a Marketing Code please enter it below:

Marketing Code: ________________________________

Please note that by ordering from Research and Markets you are agreeing to our Terms and Conditions at http://www.researchandmarkets.com/info/terms.asp

Please fax this form to:
(646) 607-1907 or (646) 964-6609 - From USA
+353-1-481-1716 or +353-1-653-1571 - From Rest of World