Green Tech for Tomorrow

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BYD AUTO
Build Your Dreams

Build Your Dreams...

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Company Profile

BYD Company Ltd. was established in 1995 and listed on the Hong Kong Stock Exchange (HKEx) in 2002. It developed rapidly to become the world's second largest rechargeable battery manufacturer in 2003, with the company's nickel and lithium-ion batteries for mobile phone applications rising to the top of the global market. In 2003 BYD Auto Ltd. was founded as a subsidiary of BYD Company Ltd. following the acquisition of the previously state-owned Tsinchuan automobile company.

In the first half of 2009 BYD Auto Ltd. has seen a sales increase of 176 percent year on year, despite the general downturn in the global automotive industry. It was also named the most competitive and influential automobile brand in China. At the same time, BYD Company Ltd. is continuing in the research and development of new energy technologies.

BYD Company Ltd. has ten production and R&D facilities in China for the development and manufacturing of IT components, batteries and automobiles. The company has grown into a multinational corporation with 130,000 employees worldwide based in subsidiary offices in the United States, the Netherlands, Denmark, Hungary, Romania, Japan, South Korea, India, Taiwan and Hong Kong.

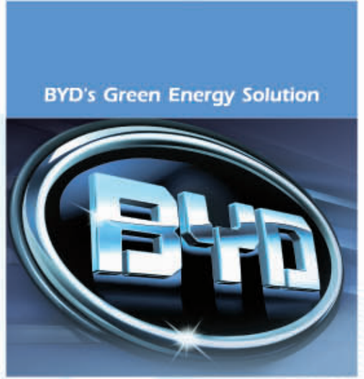
From the beginning BYD AUTO has focused on the research, development and manufacturing of a wide range of world-class products, including electric vehicles (EVs). To meet the demands of the global consumer BYD AUTO has relied upon their strength and knowledge in R&D to create cost-efficient, durable and unique manufacturing systems which integrate aspects from both the automotive and IT industries.

BYD AUTO already has several large-scale industrial bases in a number of locations around China. In response to increasing market demands the company has plans to enlarge the output facilities in Xi'an as well as building a new base in Changsha for the production of electric buses.

Since its foundation in 2003, BYD AUTO has successfully launched a series of models including the F0, F3, F3R, F6, F3DM, S8, G3 and e6. Over the next several years BYD AUTO will continue to expand its product portfolio to include a range of F-series sedans and hatchbacks, S-series SUVs, M-series MPVs, DM-series Dual Mode hybrid vehicles, e-series electric vehicles and electric buses.

Alongside the development of electric vehicles, BYD AUTO has also devoted time and energy into the exploration of additional alternative energy technologies. At the BYD AUTO headquarters in Shenzhen, there has been development and testing of new energy technology systems including the BYD Energy Storage System (BESS), the BYD Solar Power Storage System (BSPSS), the BYD Wind Power Storage System (BWPSS) and the BYD Home Energy System (BHES). The company hopes to contribute its developments in green technology as a part of the greater solution for the increasingly serious global environmental problem.

BYD's Green Energy Solution



-Will fossil fuel energy run out?
-Will the icecaps melt?
-Will the level of CO2 increase?
-How do we face the energy crisis?
-How can we solve the problems of pollution caused by traditional energy sources?

The above list includes a selection of the concerns faced today in light of climate change. BYD believes that technology and innovation can offer a solution to the problem and has been looking for cleaner and more efficient alternative energy resources. In order to achieve this goal, BYD has implemented a new energy program which focuses on the development of cutting edge alternative energy sources, including R&D on a number of new electric vehicles, the creation of new energy storage systems and the creation of a new solar power plant as a substitute for traditional fossil fuel energy. BYD hopes that the development of new, cleaner technology in the coming years will eventually result in the soul use of clean energy sources.

BYD's New Energy Vehicles

High-capacity batteries

EV batteries must have high energy density and high safety, which are two characteristics of BYD's revolutionary new battery - the Fe battery. The Fe battery will power the e6 with an expected range per charge cycle of 205 miles (330 km), an estimated acceleration time from 0-60mph (0-100km/h) in less than 14 seconds and with a projected top speed of 87mph (140km/h). These characteristics make the e6 ideal for daily commutes, in-town driving and even long distance travel.

Design

What sets the e6 apart from other electric vehicles is its size and performance. With current battery capacity limitations, most manufacturers have selected to focus on small, lightweight EVs that stress efficiency over performance and range. Instead, BYD has used its rich history in IT development and cutting edge battery technology and taken an unconventional approach in order to manufacture cars that represent the company's slogan of Build Your Dreams. These ideas are the underlying philosophy and ideology behind the e6.

The high-tech e6 will be marketed as a family-oriented crossover vehicle boasting the same exterior dimensions of the average family car. The e6 features a spacious interior cabin which will seat 5 comfortably, with substantial legroom and headroom for passengers as well as ample luggage space in the rear of the vehicle. The e6 measures 179.3 inches (4554mm) long, 71.7 inches (1822mm) wide and 64.2 inches (1630mm) tall.

Pure Electric Vehicle

Convenient and Eco-Friendly

The environmentally friendly e6 is a zero-emissions electric vehicle which means it emits no harmful toxic emissions or greenhouse gases. BYD's new Fe battery takes the green philosophy a step further by only using chemical substances within the battery that are completely recyclable.

e6 Specifications

Item		e6 Technological Parameter
Size		
Length	mm(in.)	4554(179.3)
Width	mm(in.)	1822(71.7)
Height	mm(in.)	1630(64.2)
Wheelbase	mm(in.)	2830(111.4)
Track(Front/Rear)	mm(in.)	1556/1558(61/61)
Curb Weight	kg(lb.)	2295(5060)
Top Speed	km/h(mph)	140(87)
Gradeability	%	≥30
0-100km(60mile)	s	<14
Seat Capacity	persons	5
Range(Cruising mode)	km(mi.)	330(205)
Front Motor Power/Torque	kw/N.m(hp/lb-ft)	75/450(101/332)
Rear Motor Power/Torque	kw/N.m(hp/lb-ft)	N/A
Combined Power/Torque	kw/N.m(hp/lb-ft)	N/A
Motor Type		Permanent-magnet type synchronous motor
Power Management System		Intelligent central management system
Charging System		DC380V/100A

Actual EV range might vary due to different driving behaviors.
All parameters are for reference only and maybe vary during commercial launch.

BYD Milestones

1995: BYD Company Ltd. is founded by Mr. Wang Chuanfu.

1996: BYD Company Ltd. receives ISO9002 certification.

2000: BYD Company Ltd. becomes the first Chinese Li-ion battery supplier for Motorola.

2002: BYD Company Ltd. becomes the first Chinese Li-ion battery supplier for Nokia.
BYD Company Ltd. is listed on the Hong Kong Stock Exchange (Stock Code: 1211.HK) with the highest issue price among 54 H-share stocks in Hong Kong Stock Exchange.
Enters mobile phone component business.

2003: BYD Auto Co., Ltd. is founded.

2005: The BYD F3 is launched in China and exported to other markets.

2006: BYD Hungry established

2007: BYD Electronic Co. Ltd. is listed on the Hong Kong Stock Exchange. (Stock Code: 0285.HK)
BYD India established
The BYD F3R is launched in China

2008: BYD acquires SinoMOS Semiconductor (Ningbo) Inc.
BYD F6 sedan and F0 mini car are launched in China
The BYD F3DM is launched to the Chinese market.

2009: MidAmerican Energy Holdings Co. takes a 10% stake in BYD Company Ltd.
The BYD M6, the company's first MPV is unveiled at the 13th Shanghai International Vehicle Exhibition.
The BYD e6 is among the vehicles displayed at the Annual Berkshire Hathaway Shareholder Meeting.
The BYD S8 (originally the BYD F8) is launched in China.
BYD acquires Hunan Midea Bus and enters the electric bus sector.
The BYD G3 is launched in China.
The BYD e6 is launched in China.