China Lead-acid Storage Battery Industry Report, 2010

Apr. 2011
This report

◆ Analyzes the current development of lead-acid storage battery industry.

◆ Focuses on five market segments including automotive lead-acid battery, lead-acid battery for electric moped, stationary lead-acid battery, and lead-acid Traction Battery.

◆ Highlights the operation of 15 key enterprises in lead-acid storage battery industry in China.

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The growth can be attributed to the following factors: Firstly, compared with lithium battery and Ni-MH battery, lead-acid storage battery boasts of high security, low cost, extensive applicability and high recycling rate. Secondly, the demand for lead-acid storage battery constantly increased with the fast development of downstream industries such as electric moped, automotive, communication, and electricity industries. Thirdly, key enterprises emerged continuously and successfully entered into the capital market, such as Tianneng Group, Chilwee Power Co., Ltd., Coslight Group, and Shuangdeng Group. Fourthly, developed countries like EU countries and USA ceased the manufacturing of lead-acid battery and purchased from China and other developing countries, which enhanced the export volume.

Based on an analysis of the current development of lead-acid storage battery industry and 15 key enterprises, this report probes deeply into five market segments including automotive lead-acid battery, lead-acid battery for electric moped, and stationary lead acid battery.
At the beginning of 2011, nine ministries and commissions of China including the Ministry of Environmental Protection and the Ministry of Industry and Information Technology jointly carried out an environmental protection campaign listing lead-acid battery as a primary object of regulation. The “Planning of Integrated Control of Heavy Metal Pollution during 12th Five-Year Plan Period” pointed out that comprehensive prevention and control would be conducted over 141 lead-acid storage battery enterprises and 7 key regions in China in 2011. As a result, lead-acid battery industry will enter into a new phase of adjustment in 2011, during which nonstandard enterprises will be eliminated and enterprises under sustainable development will embrace new development opportunities in the future.

As China’s ownership of electric moped is large and an electric moped needs 3-4 lead-acid storage batteries, electric moped holds a leading position in the lead-acid storage battery application market. Key enterprises include Tianneng Group and Chilwee Power Co., Ltd. The second largest application is automotive lead-acid storage battery, and representative enterprises are Fengfan Co., Ltd. and Camel Group Co, Ltd. Stationary lead-acid battery for communication, UPS, and energy storage is the third largest application, and dominant enterprises include Shuangdeng Group, Coslight Group and Narada Power Source Co., Ltd.

In the future, with the widespread application of new energy resources, 3G and base station equipment, the potential of lead-acid storage battery will be further released in extensive fields including energy storage (solar energy and wind energy), electric automobile, communication and electricity.
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