



# 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.**

---

Please visit our website to order this report and find more information about other titles at [www.researchinchina.com](http://www.researchinchina.com)

## **Related Products**

- China IC Card/Smart Card Industry Report, 2010
- China Digital TV Operation Report, 2010-2011
- Global and China LED Industry Report, 2010-2011
- China Lighting Source Industry Report, 2010
- Global and China Notebook PC Industry Report, 2010
- Global and China Consumer Electronics Case and Structure Industry Report, 2010

## Abstract

The lead-acid storage battery industry has presented steady growth in China in recent years, with the output, sales and export value growing at CAGRs of 16.8%, 34.8% and 16.7% respectively in 2005-2010 (the export values of starter lead-acid storage battery and other lead-acid storage batteries achieved CAGRs of 12.0% and 17.7% respectively).

### Main Indicators of China's Lead-acid Storage Battery Industry, 2005 and 2010

	2005	2010	CAGR
Output (Mln KVA/h)	66.4	144.2	16.8%
Sales (RMB bn)	20.0	89.0	34.8%
Export Value (USD mln)	814.7	1764.7	16.7%

Source: National Bureau of Statistics of China; General Administration of Customs of China; ResearchInChina

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.

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.

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.

### **1. Profile of Lead-acid Storage Battery**

#### 1.1 Definition and Classification

##### 1.1.1 Definition

##### 1.1.2 Classification

#### 1.2 Structure

#### 1.3 Upstream & Downstream

##### 1.3.1 Upstream

##### 1.3.2 Downstream

### **2. Policy Environment of Lead-acid Storage Battery Industry in China**

#### 2.1 Industrial Policy

#### 2.2 Trade Policy

### **3. Operation of Lead-acid Storage Battery Industry in China**

#### 3.1 Industry Scale

#### 3.2 Industry Status

#### 3.3 Operating Characteristics

### **4. Lead-acid Storage Battery Market in China**

#### 4.1 Production

#### 4.2 Consumption

##### 4.2.1 Lead Consumption Volume

##### 4.2.2 Consumption Structure

##### 4.2.3 Sales

#### 4.3 Import & Export

##### 4.3.1 Export

##### 4.3.2 Import

### **5. Lead-acid Storage Battery Market Segments in China**

#### 5.1 Automotive Lead-acid Storage Battery

##### 5.1.1 Supply

##### 5.1.2 Demand

#### 5.2 Lead-acid Storage Battery for Electric Moped

##### 5.2.1 Supply

##### 5.2.2 Demand

#### 5.3 Stationary Lead-acid Storage Battery

##### 5.3.1 Supply

##### 5.3.2 Demand

#### 5.4 Lead-acid Storage Battery for Motorcycle

#### 5.5 Lead-acid Traction Battery

### **6. Competition Pattern of Lead-acid Storage Battery Industry in China**

#### 6.1 Regional Competition

##### 6.1.1 Zhejiang

##### 6.1.2 Guangdong

#### 6.2 Competition among Enterprises

#### 6.3 Product Alternatives

### **7. Key Enterprises**

#### 7.1 Tianneng Power International Limited

#### 7.2 Chaowei Power Holdings Limited

#### 7.3 Fengfan Co., Ltd

#### 7.4 Coslight Group

#### 7.5 Shuangdeng Group

#### 7.6 Narada Power Source Co., Ltd

#### 7.7 Camel Group Co., Ltd

#### 7.8 Chongqing Wanli Holding (Group) Co., Ltd

#### 7.9 Tianjin GS Battery Co., Ltd

#### 7.10 Zibo Torch Energy Co., Ltd

#### 7.11 Others

##### 7.11.1 Anhui Xunqi Battery Co., Ltd

##### 7.11.2 Jiangsu HuaFu Group

##### 7.11.3 ChangXing Noble Power Co., Ltd

##### 7.11.4 Zhejiang Haijiu Battery Co., Ltd

##### 7.11.5 Shenzhen Center Power Tech Co., Ltd

### **8. Prospect of Lead-acid Storage Battery Industry in China**

#### 8.1 Problem

#### 8.2 Prospect

- Classification and Application of Lead-acid Storage Battery
- Structure of Lead-acid Storage Battery
- Major Economic Indicators of Lead-acid Storage Battery Enterprises above Designated Size in China, 2009
- Price of Lead Ingot #1 in China, 2009-2011
- Output and Growth of Lead-acid Storage Battery in China, 2006-2010
- Lead Consumption of Lead-acid Storage Battery in China, 2006-2010
- Sales of Lead-acid Storage Battery in China, 2005-2010
- Export Volume and Value of Lead-acid Storage Battery in China, 2008-2010
- Structure of Export Value of Lead-acid Starter Storage Battery in China (by Country of Destination), 2010
- Structure of Export Value of Lead-acid Storage Battery Used for Other Purposes in China (by Country of Destination), 2010
- Import Volume and Value of Lead-acid Storage Battery in China, 2008-2010
- Output of Top 5 Automotive Lead-acid Storage Battery Manufacturers in China, 2009
- Automobile Sales Volume in China, 2003-2010
- Demand of Automotive Lead-acid Battery in China, 2006-2011
- Output of Top 3 Manufacturers of Lead-acid Storage Battery for Electric Moped in China, 2008-2009
- Output of Electric Bicycle in China, 2005-2011
- Demand of Lead-acid Storage Battery Used for Electric Bicycle in China by Market, 2005-2011
- Output and Growth of Top 3 Manufacturers of Stationary Lead-acid Storage Battery in China, 2009
- Ownership of Motorcycle in China, 2006-2010
- Output of Lead-acid Storage Battery in China (by Province/Municipality), 2010
- Output of Lead-acid Storage Battery of Zhejiang Province, 2008-2010
- Output of Lead-acid Storage Battery of Guangdong Province, 2008-2010
- Sales of Lead-acid Storage Battery of Key Enterprises, 2009-2010
- Key Lead-acid Storage Battery Enterprises in China (by Market)

- Performance of Lead-acid Storage Battery, Ni-MH Battery and Lithium Battery
- Sales and Net Income of Tianneng Power International Limited, 2006-2010
- Sales of Lead-acid Storage Battery of Tianneng Power International Limited, 2006-2010
- Sales of Automotive Battery and Energy Storage Battery of Tianneng Power International Limited, 2008-2010
- Sales of Ni-MH Battery and Lithium Battery of Tianneng Power International Limited, 2008-2010
- Sales and Net Income of Chaowei Power Holdings Limited, 2007-2010
- Sales of Chaowei Power Holdings Limited (by Product), 2007-2010
- Operating Income and Net Income of Fengfan Co., Ltd, 2007-2010
- Sales Volume and Revenue of Lead-acid Battery of Fengfan Co., Ltd, 2008-2010
- Battery Producing Companies and Business Scope of Coslight Group
- Sales and Net Income of Coslight Group, 2007-2010
- Operating Income from Battery Business of Coslight Group, 2007-2010
- Main Business of Subsidiaries of Shuangdeng Group
- Sales and Total Profit of Shuangdeng Group, 2006-2009
- Capacity of VRLA Battery of Narada Power Source Co., Ltd, 2007-2010
- Operating Income and Net Income of Narada Power Source Co., Ltd, 2007-2010
- Sales of Narada Power Source Co., Ltd (by Product), 2007-2010
- Sales of Camel Group Co, Ltd, 2006-2010
- Sales and Gross Margin of Lead-acid Storage Battery of Chongqing Wanli Holding (Group) Co., Ltd, 2007-2010
- Sales of Lead-acid Storage Battery of Chongqing Wanli Holding (Group) Co., Ltd (by Region), 2009
- Operating Income of Tianjin GS Battery Co., Ltd, 2004-2010
- Main Business of Subsidiaries of Zibo Torch Energy Co., Ltd
- Main Products and Applications of Lead-acid Storage Battery of Zibo Torch Energy Co., Ltd
- Sales of Zibo Torch Energy Co., Ltd, 2004-2010
- Operating Income and Net Income of Anhui Xunqi Battery Co., Ltd, 2005-2010

- Product Lines and Applications of Huafu Group
- Main Business of Subsidiaries of ChangXing Noble Power Co., Ltd
- Operating Income and Total Profit of Shenzhen Center Power Tech Co., Ltd, 2004-2008



**You can place your order in the following alternative ways:**

1. Order online at [www.researchinchina.com](http://www.researchinchina.com)
2. Fax order sheet to us at fax number: +86 10 82601570
3. Email your order to: [report@researchinchina.com](mailto:report@researchinchina.com)
4. Phone us at +86 10 82600828/ 82600893

<b>Party A:</b>			
Name:			
Address:			
Contact Person:		Tel	
E-mail:		Fax	

<b>Party B:</b>			
Name:	Beijing Waterwood Technologies Co., Ltd (ResearchInChina)		
Address:	Room 1008, A2, Tower A, 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**

- Hard copy .....1800 USD
- PDF (Single user license) .....1700 USD
- PDF (Enterprisewide license).....2500 USD

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