

# China Electrical Machinery Industry Report, 2007-2008



Phone: +44 20 8123 2220  
Fax: +44 207 900 3970  
office@marketpublishers.com  
<http://marketpublishers.com>

## China Electrical Machinery Industry Report, 2007-2008

Date:	July 1, 2008
Pages:	89
Price:	US\$ 1,800.00
ID:	C4B6CE3EB17EN

China's electrical machinery industry has expanded rapidly in recent years. In 2007, the total output value of China's electrical machinery industry reached CNY235.94 billion, up 37% year on year. The accumulated assets of the whole industry in the first eleven months of 2007 was CNY178.57 billion, and those in the full year of 2007 exceeded CNY180 billion, up 25% year on year. By the end of 2006, China's number of electrical machinery producers had reached 1,786, and by the end of 2007, the figure has stood at 2,141. The rapid expansion of production scale was mainly stimulated by rise in market demand. However, the enlarged production scale has made the market competition in the industry more serious, leading to a rise in the number of loss-making companies.

Meanwhile, regional output of electrical machinery has a tendency towards concentration in the provinces of Jiangsu, Shandong and Zhejiang. In 2007, the AC machine output in East China occupied 59.03% of China's total output, representing 4.22 percentage points higher than the previous year. In addition, the export value of China electrical machinery industry has rapidly grown, of which, the export of medium- and small-sized electrical machinery has increased sharply for years consecutively, making medium- and small-sized electrical machinery become one of the five major export products in the electrical machinery industry.

This report makes in-depth research on the status quo of China electrical machinery industry, forecasts the future development trends of the industry, and discusses investment opportunities and risks in the industry.

### Table of Content

#### 1. CHINA ELECTRICAL MACHINERY INDUSTRY DEVELOPMENT AND ITS TREND

##### 1.1 External Environment

- 1.1.1 Influence of Electrical Machinery Development in Key Asian Countries on China
- 1.1.2 Influence of Electrical Machinery Development in Europe and America on China
- 1.1.3 Emerging Regions

##### 1.2 International Competitiveness

- 1.2.1 Production Factors
- 1.2.2 Demand Conditions
- 1.2.3 Relevant Industries

##### 1.3 Development in Recent Years

- 1.3.1 SCP (Structure, Conduct and Performance)
- 1.3.2 Competitiveness Layout

##### 1.4 Product and Technology Development Trend

- 1.4.1 Product Classification of Electrical Machinery
- 1.4.2 Development Direction of Electrical Machinery
  - 1.4.2.1 Development Overview of High-efficient Motor and Permanent-magnet Synchronous Motor
  - 1.4.2.2 Development Direction of Medium and Small Motor and NM Motor

## **2. OPERATING FUNDAMENTALS OF CHINA'S ELECTRICAL MACHINERY INDUSTRY**

### 2.1 Industry Scale

#### 2.1.1 Total Industrial Output Value and Assets

### 2.2 Operation

#### 2.2.1 Sales and Profit

#### 2.2.2 Operation of Enterprises with Different Scale

#### 2.2.3 Operation of Enterprises with Different Economic Type

### 2.3 Financial Status

#### 2.3.1 Profitability

#### 2.3.2 Debt-paying Ability

#### 2.3.3 Operating Efficiency

#### 2.3.4 Growth Ability

## **3. CHINA ELECTRICAL MACHINERY MARKET OPERATION, 2006-2007**

### 3.1 Macro Environment

### 3.2 Industry Chain Environment

#### 3.2.1 Electric Power

#### 3.2.2 Shipbuilding

#### 3.2.3 Automobile and Other Machinery Industry

#### 3.2.4 Electric Tools

#### 3.2.5 Industry Automatization

#### 3.2.6 Electronic Information Industry

### 3.3 Industry Supply & Demand and Production and Sales Data

### 3.4 Import and Export

#### 3.4.1 Import and Export of the Electrical Machinery Industry

#### 3.4.2 Import and Export Data of Electrical Machinery Products and Analysis

#### 3.4.3 Sustained Growth in Export of Medium & Small Size Electrical Machinery

#### 3.4.4 Import of Electrical Machineries

#### 3.4.5 Electrical Machinery Export Faces Profit Cut, Firms Need Adjustments

## **4. KEY REGION DEVELOPMENT AND COMPETITION STATUS**

### 4.1 Shanghai

#### 4.1.1 Status of Product Supply and Sale

#### 4.1.2 Corporate Distribution and Operating Fundamentals

#### 4.1.3 Analysis on Competitive Advantages

### 4.2 Jiangsu

#### 4.2.1 Status of Product Supply and Sale

#### 4.2.2 Corporate Distribution and Operating Fundamentals

### 4.3 Guangdong

#### 4.3.1 Status of Product Supply and Sale

#### 4.3.2 Corporate Distribution and Operating Fundamentals

#### 4.3.3 Analysis on Competitive Advantages

### 4.4 Shandong

#### 4.4.1 Product Supply and Sales

#### 4.4.2 Corporate Distribution and Operating Fundamentals

## **5. FORECAST OF ELECTRICAL MACHINERY INDUSTRY DEVELOPMENT, 2008-2010**

### 5.1 Development Environments of Electrical Machinery Industry, 2008-2010

### 5.2 Prospect of Supply & Demand in Electrical Machinery Industry, 2008-2010

### 5.3 Competitive Pattern and Economic Benefit Outlook, 2008-2010

## **6. FORECAST OF CHINA ELECTRICAL MACHINERY MARKET, 2008-2010**

### 6.1 Forecast of Demand for Generator and Generating Units

#### 6.1.1 Main Factors Affecting Consumer Demand

#### 6.1.2 Forecast of Output and Sale of Generator (Generating Units), 2008-2010

#### 6.1.3 Analysis and Prediction of Marketing Equilibrium

### 6.2 Prediction of Demand for Electromotor

#### 6.2.1 Forecast of Output and Sale of Electromotor, 2008-2010

##### 6.2.1.1 Using the Pertinence with Power Generating Equipment to Predict the Output and Sale

##### 6.2.1.2 Using the Pertinence with Transformer to Predict of the Output and Sale

#### 6.2.2 Prediction of Marketing Equilibrium and Price Trend

### 6.3 Micro-motor

#### 6.3.1 Demand Structure and Capacity Forecast of Global Micro-motor Markets

#### 6.3.2 Market Relationships Forecast by Macro-economic Operation and Effects

#### 6.3.3 Household Appliances, Electronics and Audio/Video Processing Equipment Demand Forecast

#### 6.3.4 Automobile Demand Forecast

#### 6.3.5 Industrial, Military Micro-motor and Others

## **7. OPERATIONS AND COMPETITION OF KEY PLAYERS**

### 7.1 Shanghai Electrical Machinery Co., Ltd of Shanghai Electric Group

#### 7.1.1 Operation and Financial Status

#### 7.1.2 Competitive Advantages

### 7.2 Harbin Power Plant Equipment Group Corporation

#### 7.2.1 Operation and Financial Status

#### 7.2.2 Competitive Advantages

### 7.3 Dongfang Electrical Machinery Co., Ltd

#### 7.3.1 Business Status and Financial Status

#### 7.3.2 Strength

### 7.4 Xiangtan Electric Manufacturing Co., Ltd

#### 7.4.1 Business Status and Financial Status

#### 7.4.2 Strength

### 7.5 Wolong Electric Group Co., Ltd

#### 7.5.1 Business Status and Financial Status

#### 7.5.2 Strength

#### 7.5.3 Outlook

### 7.6 Operation Status and Competition Status of Other Key Companies

#### 7.6.1 CNR, Yongji Electric Machine Factory

#### 7.6.2 Nanyang Explosion Protection Group Co., Ltd

#### 7.6.3 Nanjing Turbine Wheel Motor Group Co., Ltd

#### 7.6.4 Mindong Electric Group Co., Ltd

## **8. SUGGESTIONS ON INVESTMENT IN ELECTRICAL MACHINERY INDUSTRY**

### 8.1 Analysis and Forecast of Industrial Economic Efficiency

#### 8.1.1 Profitability and Its Trend of Electrical Machinery Industry

#### 8.1.2 Influential Factors and Forecast of Economic Efficiency

### 8.2 Investment Opportunity

#### 8.2.1 Big Rise in Production Sales and Economic Efficiency of Small & Medium Size Electrical Machinery

#### 8.2.2 Industrial Vitality Brought by Company Reorganizing and Restructuring

#### 8.2.3 Business Opportunity Brought by Beneficial Policies

### 8.3 Investment Risks

#### 8.3.1 Overall Production Size Is Small and Big Projects Rely on Imports

#### 8.3.2 Technology of Micro Motor Industry To Be improved

#### 8.3.3 Increasingly Severe Market Competition

8.3.4 Weakening in Advantage of Domestic Companies

8.3.5 Foreign Companies Entering China to Grab Domestic Market

## SELECTED CHARTS

Sales Revenue and Assets of Machinery Industry, 2000-2007  
Analysis and Evaluation of SCP of China's Electrical Machinery Industry  
Changes in Concentration of China's Electrical Machinery Industry  
Growth in Total Output Value Driven by Capacity Expansion, 2001-2007  
Classification of Electrical Machinery  
Total Assets and Growth of Electrical Machinery Industry, 2000-2007  
Comparison of Company Size between Different Economic Types, Jan.-Nov. 2007  
Growth in Sales Revenue and Profit of Electrical Machinery Industry, 1999-2007  
Total Sales of Companies with Different Size, 2001-2007  
Sales Revenue of Companies with Main Economic Type, 2003-2007  
Expense Composition in Electrical Machinery Industry, 2001-2007  
Profitability Contrast between Firms with Different Economic Type & Various Size  
Changes in Liability/Asset Ratio of Electrical Machinery Industry, 1999-2007  
Liability/Asset Ratio Comparison between Firms with Different Economic Types  
Liability/asset Ratio Comparison between Firms with Different Sizes  
Changes in Growth Targets of Electrical Machinery Industry, 2000-2007  
Cost Constitution of Power Generator Raw Material  
Power Installed Capacity Forecast in 2006-2010  
Quarterly Shipbuilding Quantity in China, 2001-2007  
New Orders of Major Shipbuilding Companies in 2006-2007  
AC Motor Output and Growth, 2001-2007  
AC Motor Output & Contribution Rate in Key Regions in China, 2007 (million kW)  
Comparison of AC Motor Output between Regions, 2005-2007  
Export Value of China Electrical Machinery Industry by Product, 2007  
Import & Export of Motors and Power Generators (Excluding Power Generating Units), 2001-2007  
Proportion of Import Value of Electrical Machinery Products, 2006  
Import Value of Two Major Import Products, 2001-2006  
Supply of Electrical Machinery Products in Shanghai, 2001-2006  
Monthly Comparison of Electrical Machinery Products in Shanghai, 2005-2006  
Sales and Profit of Electrical Machinery Industry in Shanghai, 2001-2006  
Operation Indicators of Electrical Machinery Industry in Shanghai, 2003-2006  
Comparison of Export Value by Product in Shanghai, 2002-2006  
Supply of Electrical Machinery Products in Jiangsu Province, 2001-2006  
Monthly Comparison of Electrical Machinery Products in Jiangsu, 2005-2006  
Sales and Profit of Electrical Machinery Industry in Jiangsu Province, 2001-2006  
Operation Indicators of Electrical Machinery Industry in Jiangsu, 2001-2006  
Supply of Electrical Machinery Products in Guangdong Province, 2001-2006  
Sales and Profit of Electrical Machinery Industry in Guangdong, 2001-2006  
Operation Indicators of Electrical Machinery Industry in Guangdong, 2001-2006  
Supply of Electrical Machinery Products in Shandong Province, 2001-2006  
Comparison of Monthly Electrical Machinery Output in Shandong, 2005-2006  
Sales Revenue and Profit of Electrical Machinery in Shandong, 2001-2006  
Operating Indicators of Electrical Machinery Industry in Shandong, 2001-2006  
Relativity between Steam-turbine Generator and Power Output  
Relativity between Hydraulic Generator and Power Output  
Forecast of AC Motor Output by Using the Relativity with Generating Equipment  
Forecast of AC Motor Output by Using the Relativity with Transformer  
Application Field Distribution of Domestic Micro-motor  
Relativity Between Micro-motor Output and Domestic GDP  
Profit of Dongfang Electrical Machinery Co., Ltd, 2002-2007

Main Business Revenue & Profit of Xiangtan Electric Manufacturing Co., 1999-2007  
Net Profit Growth and ROE of Xiangtan Electric Manufacturing Co., Ltd, 2000-2007  
Profit of Wolong Electric Group Co., Ltd, 1999-2007  
Main Business Revenue Structure of Wolong Electric Group Co., Ltd by Areas  
Wolong Electric Main Business Revenue & Contribution Rate, 1999-2007  
Net Profit of Mindong Electric Group Co., Ltd, 1999-2007  
Main Financial Indices of Electrical Machinery and Electromechanical Industry  
Impact of Five Forces on Profit of Electrical machinery Industry  
Statistics of Electrical Machinery Industry, 2001-2007  
Statistics of Companies with Different Economic Types, 2006-2007  
Changes in Sizes of Foreign, Hong Kong, Macao and Taiwan Invested Companies and Private & State-owned Companies, 2003-2007  
Sales and Profit of Electrical Machinery Industry, 1999-2007  
Profit Target of Electrical Machinery Industry, 1999-2007  
Rise in Cost and Expenses of Electrical Machinery Industry, 2004-2007  
Operating Efficiency Indicators of Electrical Machinery Industry, 2001-2007  
Growth Target of Electrical Machinery Industry, 2000-2007  
GDP Growth of Major Economies in the World, 2002-2007 (%)  
New Increase Plan of Electric Power Equipment in 2006-2010 (10,000 kw)  
Output and Growth of Automobile in China, 2001-2007  
AC Motor Output by Region, 2005-2007 (unit: kW)  
Import and Export of the Electrical Machinery Industry, 2001-2007  
Export Volume and Export Value of Electrical Machinery Products, 2007  
Export Data of Medium- and Small-sized Motors in Recent Years  
Output of Electrical Machinery Products in Shanghai, 2001-2006  
Supply of Electrical Machinery Products in Jiangsu Province, 2001-2006  
Output of Electrical Machinery Products in Guangdong Province, 2002-2006  
Electrical Machinery Output in Shandong Province, 2002-2006  
Forecast of Growth in Main Macroeconomic Indicators, 2008 (Unit: %)  
Financial Results of Electrical Machinery Manufacturing Industry, 2006-2007  
Power Output and Generator Output, 2001-2007  
Forecast of Generator Output, 2008-2010  
Output of Power Generating Equipment, Transformer and AC Motor, 1995-2007  
Forecast of Demand of Various Application Fields for Micro-motor in 2008  
Part of Global Market Demand for Micro-Motor (Unit: Million)  
Micro-motor Output Forecast in 2008-2010  
Main Business Revenue & Profit of Dongfang Electrical Machinery Co., 2006-2007  
Financial Status of Dongfang Electrical Machinery Co., Ltd  
Product Structure of Dongfang Electrical Machinery Co., Ltd  
Xiangtan Electric Main Business Revenue and Profit by Product, 2006-2007  
Wolong Electric Main Business Revenue by Product, 2006-2007  
Financial Status of Wolong Electric Group Co., Ltd, 2003-2007  
Top Ten Companies in Motor Manufacturing Industry in 2007  
Main Business Revenue and Profit of Mindong Electric Group Co., Ltd in 2007

### I would like to order:

**Product name:** China Electrical Machinery Industry Report, 2007-2008  
**Product link:** <http://marketpublishers.com/r/C4B6CE3EB17EN.html>  
**Product ID:** C4B6CE3EB17EN  
**Price:** US\$ 1,800.00 (Single User License / Electronic Delivery)

*If you want to order Corporate License or Hard Copy, please, contact our Customer Service: [office@marketpublishers.com](mailto:office@marketpublishers.com)*

### Payment

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click 'BUY NOW' button on product page <http://marketpublishers.com/r/C4B6CE3EB17EN.html>

### To pay by Wire Transfer, please, fill in your contact details in the form below:

First name:  
Last name:  
E-mail:  
Company:  
Address:  
City:  
Zip/Post Code:  
Country:  
Tel:  
Fax:  
Your message:

\* All fields are required

Customer Signature \_\_\_\_\_

Please, note that by ordering from MarketPublisher.com you are agreeing to our Terms & Conditions at [http://marketpublishers.com/docs/terms\\_conditions.html](http://marketpublishers.com/docs/terms_conditions.html)

To place an order via fax simply print this form, fill in the information below and fax the completed form to **+44 20 7900 3970**