

China High-voltage Inverter Industry Report, 2011-2012

<https://marketpublishers.com/r/C713FEB5D64EN.html>

Date: April 2012

Pages: 74

Price: US\$ 1,800.00 (Single User License)

ID: C713FEB5D64EN

Abstracts

An inverter is a device which makes motors operate at variable speed to save energy. Customarily, a motor with a rated voltage of 3-10kV is known as a high-voltage motor, so an inverter developed for the motor running in the 3-10kV environment is known as a high-voltage inverter. Compared with low-voltage inverters, high-voltage inverters are applied to high-power wind power and water pumps to archive significant energy saving effects.

As the demand for energy saving and environmental protection increases and the equipment upgrading speeds up, China's high-voltage inverter industry has achieved steady growth, the market size has increased from RMB1.1 billion in 2005 to RMB6.3 billion in 2011, with the compound annual growth rate of 35.4%. The proportion of high-voltage inverters in inverters rose from 12.9% in 2006 to 22.8% in 2011. In 2012, with the penetration of inverter in downstream industries, the high-voltage inverter market is expected to grow at a rate of 34.92%.

China's high-voltage inverter industry has the following characteristics:

The price war ends, and the profitability tends to stabilize

After years of price war, the current price of high-voltage inverter is about RMB620 / watt, and the gross margin is about 30%. In this case, new entrants do not have driving force. At the same time, the downstream demand grows stably. The price war in this industry is expected to end and the profitability will stabilize.

Foreign brands have distinct advantages

Foreign brands occupy around 80% market share because of advanced technology and early entry. In 2011, Germany Siemens, Switzerland ABB and France Convertteam ranked top three with the total share of 60.5%, indicating a relatively high industry concentration degree. Beijing Leader & Harvest ranked fourth with 7.2%. In June 2011, Schneider Electric acquired Beijing Leader & Harvest for USD650 million, so the latter is regarded as a foreign brand.

High-voltage inverters are used in power and metallurgy most widely

High-voltage inverters are mainly used in power, metallurgy, coal, petrochemicals, cement, paper-making, municipal fields and traffic; particularly, power, metallurgy and cement make use of the majority of high-voltage inverters, accounting for 53.9% totally in 2011.

High-performance high-voltage inverters become the main direction

High-voltage inverters can be broken down into general-purpose and high-performance ones. In the general-purpose high-voltage inverter market, domestic enterprises hold more than 80% market share; they compete with each other intensely; in recent years, the price has declined sharply, and the gross margin has been around 34.5%. In the high-performance high-voltage inverter market, foreign brands still take dominant positions, and the gross margin reaches about 63.4%. In the future, domestic enterprises will focus on high-performance high-voltage inverters.

Contents

Preface

1. PROFILE OF HIGH-VOLTAGE INVERTER

1.1 Definition

1.2 Product Characteristics

1.3 Upstream and Downstream

1.3.1 Upstream Industry

1.3.2 Downstream Industry

2. DEVELOPMENT ENVIRONMENT OF HIGH-VOLTAGE INVERTER

2.1 Industry Environment

2.2 Policy Environment

2.3 Technology Environment

3. CURRENT DEVELOPMENT OF HIGH-VOLTAGE INVERTER INDUSTRY

3.1 Global High-voltage Inverter Industry

3.1.1 Market Size

3.1.2 Competition Pattern

3.2 Chinese High-voltage Inverter Industry

3.2.1 Development History

3.2.2 Status Quo

4. CHINESE HIGH-VOLTAGE INVERTER MARKET

4.1 Market Size

4.2 Supply and Demand

4.2.1 Supply

4.2.2 Current Demand

4.2.3 Demand Potentiality

4.3 Market Price

4.3.1 Cost Structure

4.3.2 Price Trend

4.3.3 Prices of Key Enterprises

5. KEY HIGH-VOLTAGE INVERTER MANUFACTURERS IN CHINA

5.1 Hiconics Drive Technology Co., Ltd.

- 5.1.1 Profile
- 5.1.2 Operation
- 5.1.3 Operating Revenue
- 5.1.4 Gross Margin
- 5.1.5 R&D and Investment
- 5.1.6 Customers and Suppliers
- 5.1.7 Forecast and Prospect

5.2 Guangzhou Zhiguang Electric Co., Ltd.

- 5.2.1 Profile
- 5.2.2 Operation
- 5.2.3 Operating Revenue
- 5.2.4 Gross Margin
- 5.2.5 R&D and Investment
- 5.2.6 Customers and Suppliers
- 5.2.7 Project

5.3 Harbin Jiuzhou Electric Co., Ltd.

- 5.3.1 Profile
- 5.3.2 Operation
- 5.3.3 Operating Revenue
- 5.3.4 Gross Margin
- 5.3.5 R&D and Investment
- 5.3.6 Customers and Suppliers
- 5.3.7 Development Strategy

5.4 Rongxin Power Electronic Co., Ltd

- 5.4.1 Profile
- 5.4.2 Operation
- 5.4.3 Operating Revenue
- 5.4.4 Gross Margin
- 5.4.5 R&D and Investment
- 5.4.6 Customers and Suppliers
- 5.4.7 Forecast and Prospect

5.5 Beijing Leader & Harvest Electric Technologies Co., Ltd.

- 5.5.1 Profile
- 5.5.2 Operation
- 5.5.3 R&D
- 5.5.4 Acquisition of Leader & Harvest by Schneider Electric for USD650 Million

5.6 Dongfang Hitachi (Chengdu) Electric Control Equipment Co., Ltd.

5.6.1 Profile

5.6.2 Operation

5.6.3 R&D

5.7 Siemens China

5.7.1 Profile

5.7.2 Major Products

5.7.3 Major Companies and Performance

5.8 ABB (China)

5.8.1 Profile

5.8.2 Major Products

5.8.3 Development in China

5.9 Rockwell Automation (China)

5.9.1 Profile

5.9.2 Major Products

5.9.3 Major Companies and Performance

5.10 Toshiba Mitsubishi-Electric Industrial Systems Corporation

5.10.1 Profile

5.10.2 Major Products

5.11 Other Enterprises

5.11.1 Hubei Sanhuan Development Corporation Ltd.

5.11.2 Shandong Xinfengguang Electronic Technology Development Co., Ltd.

5.11.3 Guangdong Mingyang Longyuan Power & Electronic Co., Ltd.

Selected Charts

SELECTED CHARTS

Power Saving Effect of High-voltage Inverter (by Sector)
Application Field and Proportion of High-voltage Inverter in China, 2011
Comparison among Three Motor Energy-Saving Modes
Frequency Conversion Rate of Newly-added Motors in China, 2006-2012
China Inverter Market Size (by Sales), 2006-2015
Comparison among Three Inverter Control Modes
Comparison among Technology Roadmaps of Major High-Voltage Inverter Manufacturers
Global Market Size of High-Voltage Inverter, 2006-2012
Global High-Voltage Inverter Manufacturers, 2011
Lifecycle of China's High-Voltage Inverters
High-Voltage Inverter Market Share of Domestic and Foreign Brands, 2004-2012
Key High-voltage Inverter Enterprises and Market Share in China, 2011
Chinese High-voltage Inverter Market Size, 2005-2012E
Capacity of Major High-voltage Inverter Enterprises in China, 2011
China High-voltage Inverter Sales Volume, 2008-2012E
Market Distribution of High-voltage Inverter in China (by Voltage Grade), 2011
Market Distribution of High-voltage Inverter in China (by Load), 2011
China High-voltage Inverter Potential Market Size, 2011-2015
Potential Demand of China High-voltage Inverter Application Market
Cost Structure of China High-voltage Inverter, 2011
Major Suppliers of IGBT
Market Size of IGBT in China, 2008-2012
Market Price of IGBT in China, 2006-2012
Price Trend of High-voltage Inverter in China, 2000-2012
Unit Price of Major High-voltage Inverter Manufacturers, 2011
Operating Revenue and Net Income of Hiconics Drive Technology, 2007-2011
High-voltage Inverter Orders of Hiconics Drive Technology, 2009-2011
Operating Revenue of Hiconics Drive Technology (by Product), 2009-2011
Operating Revenue of Hiconics Drive Technology (by Region), 2009-2011
Gross Margin of Hiconics Drive Technology (by Product), 2009-2011
R&D Investment and Proportion in Operating Revenue of Hiconics Drive Technology, 2008-2011
R & D Summary in 2011 and Plan for 2012
Top 5 Customers of Hiconics Drive Technology by Sales, 2011

Top 5 Suppliers of Hiconics Drive Technology by Procurement, 2011
Revenue of Hiconics Drive Technology (by Product), 2010-2014
Operating Revenue and Net Income of Guangzhou Zhiguang Electric, 2008-2011
Operating Revenue of Guangzhou Zhiguang Electric (by Product), 2009-2011
Operating Revenue of Guangzhou Zhiguang Electric (by Region), 2009-2011
Gross Margin of Guangzhou Zhiguang Electric (by Product), 2009-2011
R&D Investment and Proportion in Operating Revenue of Guangzhou Zhiguang Electric, 2009-2011
Top 5 Customers of Guangzhou Zhiguang Electric by Sales, 2009-2011
Top 5 Suppliers of Guangzhou Zhiguang Electric by Procurement, 2009-2011
Raised Funds of Guangzhou Zhiguang Electric
Operating Revenue and Net Income of Harbin Jiuzhou Electric, 2008-2011
High-voltage Inverter Sales and Sales Volume of Harbin Jiuzhou Electric, 2006-2009
Operating Revenue of Harbin Jiuzhou Electric (by Product), 2009-2011
Operating Revenue of Harbin Jiuzhou Electric (by Region), 2009-2011
Gross Margin of Harbin Jiuzhou Electric (by Product), 2009-2011
R&D Investment and Proportion in Operating Revenue of Harbin Jiuzhou Electric, 2009-2011
Top 5 Customers and Suppliers of Harbin Jiuzhou Electric by Sales/Procurement, 2009-2011
Fundraising and Investment Projects of Harbin Jiuzhou Electric, 2012
Operating Revenue and Net Income of Rongxin Power Electronic, 2008-2011
Operating Revenue of Rongxin Power Electronic (by Product), 2009-2011
Operating Revenue of Rongxin Power Electronic (by Region), 2009-2011
Gross Margin of Rongxin Power Electronic (by Product), 2009-2011
R&D Investment and Proportion in Operating Revenue of Rongxin Power Electronic, 2009-2011
Top 5 Customers and Suppliers of Rongxin Power Electronic by Sales/Procurement, 2009-2011
Operating Revenue of Rongxin Power Electronic (by Product), 2010-2013
Accumulated Sales Volume of High-voltage Inverters of Beijing Leader & Harvest Electric Technologies, 2005-2011
Operating Revenue and Total Profit of Beijing Leader & Harvest Electric Technologies, 2006-2009
Operating Revenue and Total Profit of Dongfang Hitachi (Chengdu) Electric Control Equipment, 2006-2009
High-voltage Inverter Products of Siemens
Major Economic Indices of SEDL, 2004-2008
Major Economic Indices of SEDS, 2004-2009

ABB High-voltage Inverters

Operating Revenue and Total Profit of ABB (Beijing), 2004-2009

High-voltage Inverters of Rockwell Automation

Operating Revenue and Total Profit of Rockwell Automation Manufacturing (Shanghai), 2006-2009

High-voltage Inverters of TMEIC

High-voltage Inverters of Hubei Sanhuan Development Corporation

Product Series of Guangdong Mingyang Longyuan Power & Electronic

Operation Revenue and Total Profit of Guangdong Mingyang Longyuan Power & Electronic, 2007-2009

I would like to order

Product name: China High-voltage Inverter Industry Report, 2011-2012

Product link: <https://marketpublishers.com/r/C713FEB5D64EN.html>

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:

info@marketpublishers.com

Payment

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click button on product page <https://marketpublishers.com/r/C713FEB5D64EN.html>