

Enterprise Profile

[The total planned project investment of Jiangxi Risun Solar Energy Co., Ltd reaches 10 billion yuan; the planned capacity reaches 3GW. It is a high-tech enterprise that Jiangxi Province and Xinyu City mainly support]



【Establishment Time】 Established in January 2008, Jiangxi Risun Solar Energy Co., Ltd has the registered capital of 350,000,000 yuan. Its floor area is over 600 mu and the architectural area is 200,000 square meters. It is mainly engaged in research and development, manufacturing, sales and after-sale service of crystalline silicon solar energy battery, module, photovoltaic system engineering and photovoltaic application product.

Risun Company is dedicated to providing high-quality and low-price solar energy photovoltaic



product and service for the target market and clients. It is dedicated to providing more better clean energy for the masses through joint efforts with its partners and further improving the survival environment of the earth and people' s life quality.

Through its own efforts, it aims to create a photovoltaic manufacturing enterprise with leading techniques, special products, first-rate quality and full vitality that emphasizes both international and domestic market!

【Capacity Condition】 At present, it owns polycrystal solar energy battery with the capacity of 850MW and the module with the capacity of 600MW. It also owns EPC qualification and ability of photovoltaic station.

【Staff Structure】 Risun Company attaches great importance to talent introduction and cultivation as well as introduction and input of advanced equipment. Up to now, Risun Company has 1758 full-time staffs in total, including 7 staffs with the overseas learning background and work experience in world top 500 enterprises, 36 staffs with senior professional titles and 65 staffs with intermediate professional titles.

【Risun Culture】

1. Enterprise Spirit

Become more glorious and hard-working.

2. Prospect and Mission

Risun is the home for pioneers to realize dreams; Risun is the incubator for people of vision to show their talent;

Risun is the most reliable loyal friend and partner of each client.

Give feedback to clients with products of zero defects; repay all the shareholders with abundant proceeds; set up the value platform for staffs with the harmonious atmosphere; provide back feeding for the society with sincere gratitude.

3. Core Values

1. Center on clients; 2. Focus on value creators; 3. Stick to long-term entrepreneurship and struggle;
4. Keep innovating and surpassing the ego.

4. Essence of Risun

Your and my sunshine, our joint cause; being honesty-oriented is the soul of Risun.

5. Moral Pursuit and Enterprise Image

The green enterprise with sense of social responsibility

6. Cultural Keynote and Enterprise Atmosphere

Esteem Openness Tolerance Passion

7. Talent Value

Execution Professionalism Dedication Responsibility Cooperation

8. Achievement Value

Hard work can only gain sympathy; only merit can gain esteem



【Industry Positioning】 At present, the battery and module scale of enterprises ranks among top three in Jiangxi Province. In terms of the key technical quality index, innovation ability, speed and efficiency etc, it ranks top in the photovoltaic product industry. Risun Company is one of the first enterprises that accord with *Standard Conditions of Photovoltaic Manufacturing Industry* issued by Ministry of Industry and Information Technology. In 2016, the photovoltaic component of the company gained the national certificate of ‘Pacemaker’ .

【Equipment Profile】

The company has set up 17 production lines of polysilicon solar energy battery pieces. The main manufacturing equipment is introduced from the famous photovoltaic enterprises such as RENA and CENTROTHERM in Germany, TYSTAR and DESPATCH in America, BACCINI in Italy etc. The optimized combination of first-rate equipment in the industry has realized intelligent manipulation; the current equipment has realized intelligent manufacturing. The main production equipment, test equipment and detection equipment of the module is the domestic mainstream manufacturing equipment.



【Manufacturing Equipment of Battery Piece (Photo)】



Process: Cleaning and Texture



Making Process: Diffusion



Process: Etching and Cleaning



Process: PECVD



Process: Twine Printing

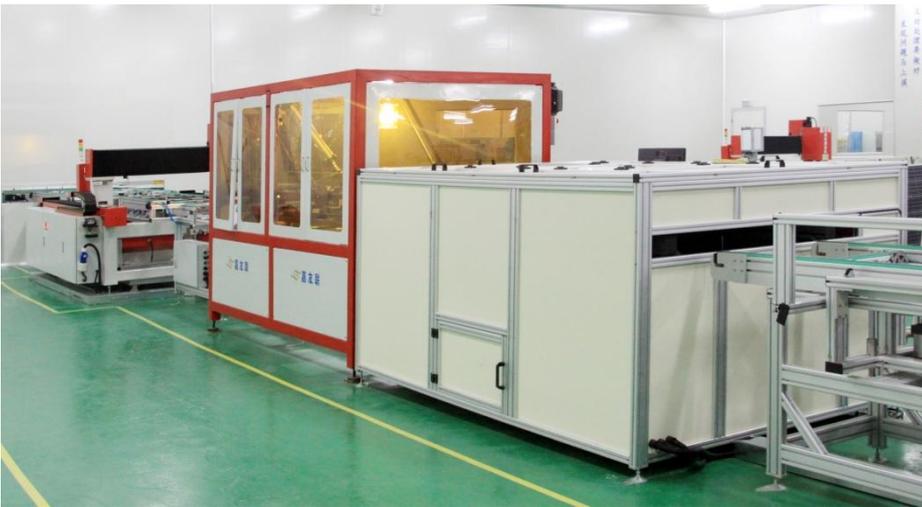


Process: Sintering



Process: Automatic Sorting

【Module Manufacturing Equipment (Photo)】





— 智能制造 —
 公司组件、电池产线全面升级



电池产能 Cells
850+WM



组件产能 Panels
600MW



系统类型 Type
地面、屋面、水面、农林渔光互补
双轴跟踪、微电网、离网



获得领跑者认证时间 Date
2016

【Client Profile】

Risun Company's capacity of poly-crystal silicon battery with high conversion ratio ranks top in the country. The product also has the advantages such as low reverse current, high parallel resistance, high reliability, harmonious color, good appearance and excellent welding performance etc. Its market covers most of the front-line polyvoltaic module factories in our country. The module products are mainly exported to countries and regions such as Europe, India, South America etc. It is the global authorized manufacturer of polyvoltaic products of Honeywell, one of the world top 500 enterprises and the only OEM partner of Tata. It has close business relationships with multiple domestic companies ranking top in the photovoltaic industry. Meanwhile, it is also one of the main suppliers of photovoltaic modules of multiple domestic large-scale photovoltaic power station manufacturers such as SPIC and Gezhouba etc.

【Client Group of the Company (Part)】



[Risun Company and Honeywell Sign the global strategic partnership agreement]



[New Product Issue Ceremony. General Manager Zhang Zhongliang (left), Honeywell Mary Newell-Miller (middle), GerbenPek (right)]



【Distributive Marketing and Agency Profile】

Risun Company attaches great importance to the distributive development and layout. For example, Risun Company provides all the modules in the first phase of the distributive project of Jiangxi Highway undertaken by Jiangxi Thermal Power Construction Corp. Aiming at the targeted distributive market, Risun Company promotes the products, solutions and technicians specially targeted at the distributive market. In terms of distributive market, Risun Company has been actively participating in layout. Risun Company warmly welcomes and supports the men of sight that want to become the distributors and agents of Risun Company.



[Figure: One of the strategic cooperation between Jiangxi Thermal Power and Jiangxi Risun--signing the distributive project of Jiangxi Highway]





中央电视台记者聚焦江西火电建设者

Reporter from CCTV Focuses on Jiangxi Thermal Power Constructors

According to the introduction, distributive photovoltaic power engineering of Jiangxi highway is jointly developed and constructed by Jiangxi Provincial Expressway Investment Group Co., Ltd and China Power Jiangxi Thermal Power Construction Corp. The entire planned capacity is 100MW with the investment of around 800,000,000 yuan. The photovoltaic power engineering is constructed through using the unused resources of around 1 million square meters including the service zones of 11 highways in Jiangxi Province, the roofs and sides of the toll stations, the hubs and interconnections along the highway. This engineering is widespread in 11 prefecture-level cities, 77 counties and over 200 stations in Jiangxi Province. Its widespread distribution and multiple stations are unprecedented in our country. Its development and management mode of unified planning, unified construction and concentrated monitoring' will lead the new construction orientation of the future distributive photovoltaic power engineering. After this engineering is put into operation, it can generate power of 100,000,000KW per year, which means to save the standard coal of 40,000 ton. Jiangxi Highway will become a green and energy-saving highway and also a business card of a green Jiangxi.

In August 2016, over 200 stations of the distributive photovoltaic engineering of Jiangxi Highway were exploited and designed. 11 prefecture-levels of the whole province began construction at the same time, which aroused the widespread attention of multiple media in our country. The mainstream media such as CCTV, JXTV and Jiangxi Daily gave special coverage of the engineering

undertaken by Jiangxi Thermal Power Construction Corp. At present, the first batch of stations spread in 11 prefecture cities of the province has been comprehensively synchronized by the end of September. The entire photovoltaic engineering of the highway enters the period of comprehensive promotion and rapid development.

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CHOOSE THE QUALITY

KEY FEATURES

- PID resistant
- Excellent module efficiency
- Positive power tolerance to +5W
- Heavy snow load 5400 Pa
- Wind load 2400 Pa
- IP67 junction box for long term endurance
- 100% electroluminescence
- 25 years linear power warranty
- 10 years product warranty

10 year **25 year**

Logos: IEC, CE, PV CYCLE, ISO, UL, TÜV, SGS, ACCREDITED, CQC, CCC, TATA POWER SOLAR, EMMVEE, Topsis Energy Ltd., WAAREE, TrinaSolar, SONALISOLAR, CHOOSE US.

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[Figure: Professional Technical and Construction, Service Team of Jiangxi Risun Solar Energy-Some of the Staffs]



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江西瑞晶太阳能科技有限公司

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经销、代理咨询: 0790-6852 828 网址[web]:www.risunsolar.com

【Product Certification, Technology R&D and Mass Production Profile】

Risun Company has passed the certification of three systems: ISO9001-2008, ISO14001:2004 and OHSAS18001:2007. The company conducts operation strictly according to the quality management system and the management process so as to make the control of quality objective cover each section. It has also applied for multiple international and domestic patents. In terms of laboratory and technology R&D, Risun Company owns the provincial-level enterprise technical center and municipal-level engineering technology research center. Risun Company conducts large-scale input. It uses around 5% of its profit to develop new technologies and purchase new equipment of laboratories per year. The advantages of Risun are outstanding in both R&D and mass production. In terms of module, Risun module not only gains the domestic and foreign influential certificates such as ‘Pacemaker’, but also conducts large-scale mass production of new products developed by the lab, which is quite rare among the enterprises. In terms of battery, its efficient 5-bar battery piece Risun has already walked out of the lab. By means of the new technology of module, the module power of Risun breaks through 275W and 325W. In terms of large-scale mass production, the battery piece and module conversion ratio of Risun Company remains top in the industry.



One of the Product Certificates- 'Pacemaker' Certificate:



SOLAR PRODUCT CERTIFICATE

No.: CQC16024149549

NAME AND ADDRESS OF THE APPLICANT

Jiangxi Risun Solar Energy Co.,Ltd.
Dayi Road ,Xiacun Industrial Park ,Xinyu ,Jiangxi , China

NAME AND ADDRESS OF THE MANUFACTURER

Jiangxi Risun Solar Energy Co.,Ltd.
Dayi Road ,Xiacun Industrial Park ,Xinyu ,Jiangxi , China

NAME AND ADDRESS OF THE FACTORY

Jiangxi Risun Solar Energy Co.,Ltd.(V022909)
Dayi Road ,Xiacun Industrial Park ,Xinyu ,Jiangxi , China

NAME, MODEL AND SPECIFICATION

Photovoltaic (PV) Module
RSM60-156P/270W、RSM72-156P/320W:Conversion efficiency level: grade 2.(See Appendix)

THE STANDARDS AND TECHNICAL REQUIREMENTS FOR THE PRODUCTS

CNCA/CTS0009-2014;IEC61215:2005

CERTIFICATION MODEL

Type Testing of Product

This is to certify that the above mentioned products have met the requirements of certification rules CQC33-471545-2016.

Date of issue: Jul.21,2016

Date of expiry: Jul.21,2017



President:

Wang Kejiao



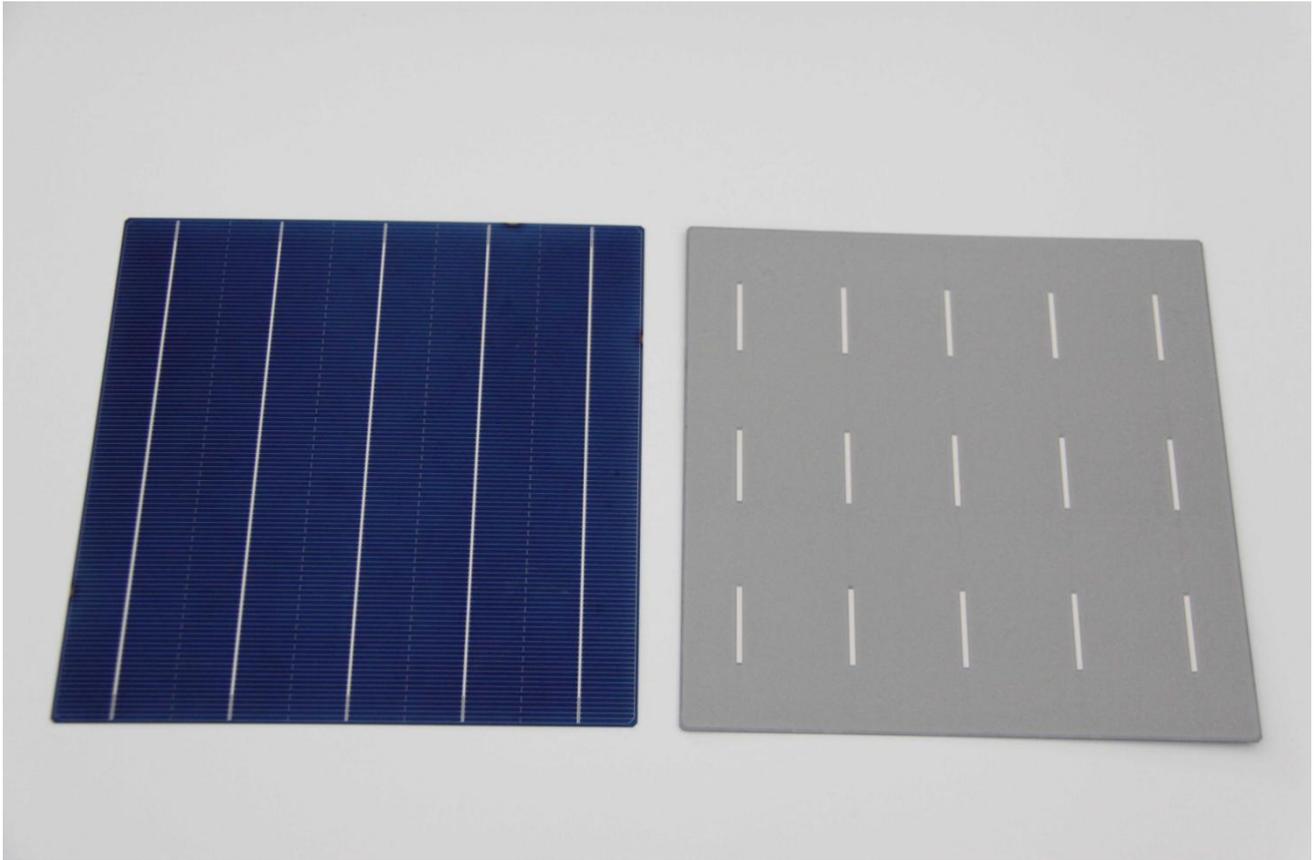
CHINA QUALITY CERTIFICATION CENTRE

Section 9, No.188, Nansihuan Xilu, Beijing 100070 P.R.China

<http://www.cqc.com.cn>

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5-bar Battery Piece and Modules of Risun Solar Energy:



技术创新 TECHNOLOGICAL INNOVATION

Effective implementation of a new, significantly improved product, process and service through technological innovation. It is estimated that every 0.1% cell efficiency increase lowers the cost of PV power generation by 5%-7% . We are dedicated in continuous improvement and many of our key technology &

- 电池 Solar Cell**
 - 光电转换效率
 - 碎片率
 - A级率
- 设备设施改造升级 Upgrading Equipment & Facilities**
- 工艺革新 Technological Innovation**
- 组件 Solar Module**
 - 零封损
 - 零隐裂
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