

*Jinko*KO

vertically-integrated PV manufacturer



Ingot



Wafer



Cell



Module

Table of Contents



About Jinko

Our products: wafers, cells, modules

Quality Control System; R&D

Our Warranty and Certification

Marketing Strategy

Project Installation

Around the Globe

JinKO

JinKO



Shanghai Sales Center



Munich Branch



North America Agent

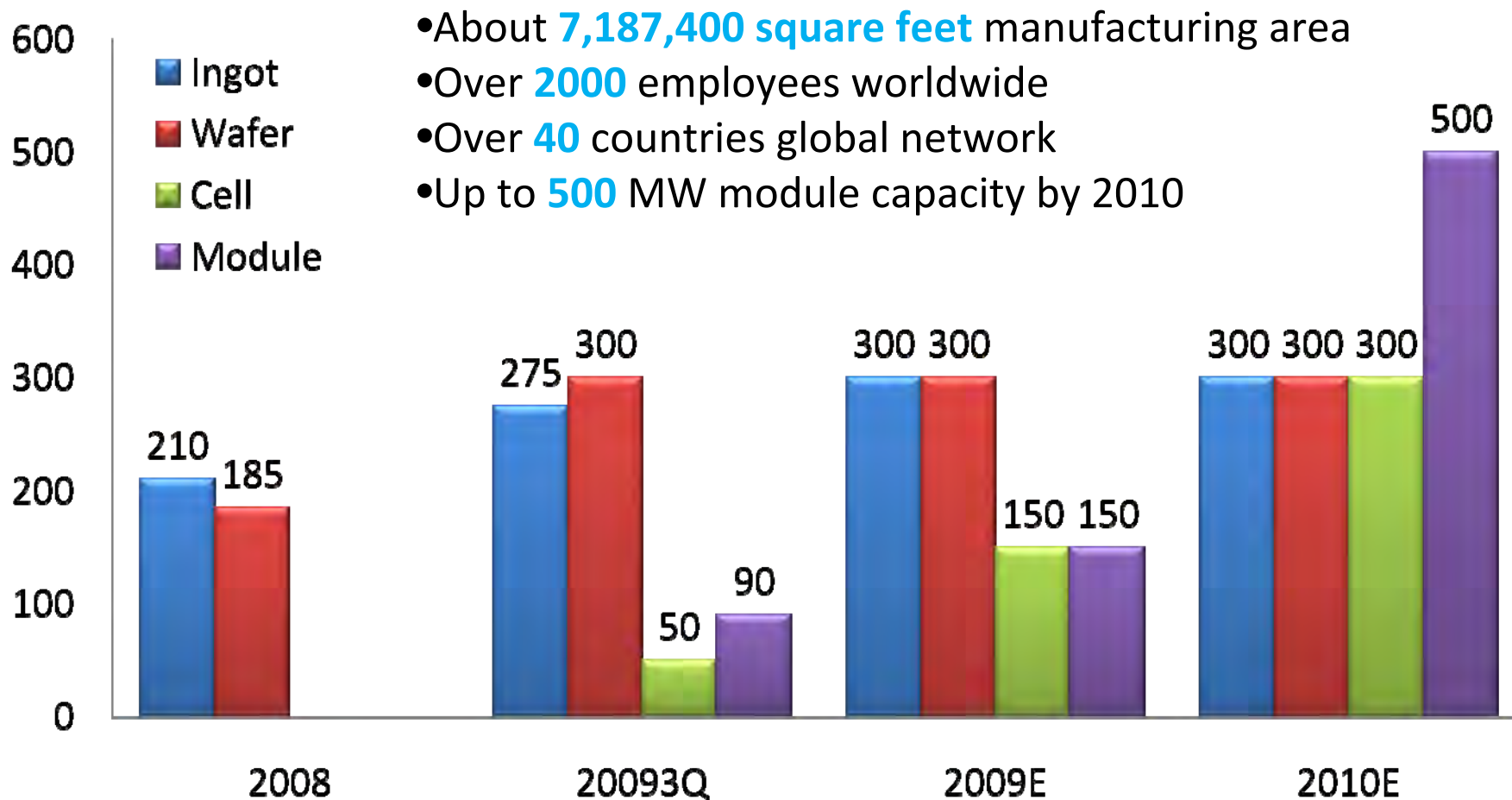


Jinko factories



Rotterdam Warehouse

Jinko Profile



- About **7,187,400 square feet** manufacturing area
- Over **2000** employees worldwide
- Over **40** countries global network
- Up to **500** MW module capacity by 2010



History



Jinko Solar Co., Ltd.
Established



60 million USD
investment from
leading venture capital

100% acquisition of
Sun Valley (cell &
module manufacturer)



150MW
Module
Production
Capacity



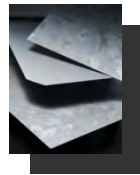
2006

Launched Ingot
Manufacturing



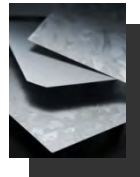
2007

60MW Wafer
Production
Capacity



2008

200MW Wafer
Production Capacity



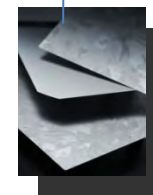
2009

The 1st fully
automated PV
module
production plant
in China, NPC
technology

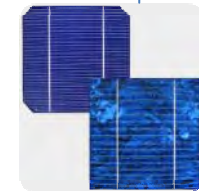


2010

300MW Wafer
Production
Capacity



150 MW cell
production
capacity



Milestone

JinKO

By the year 2010, the production capacity of both Silicon wafer and Solar Panels will reach approximately 400MW each.

By the end of 2009, the production capacity of Silicon wafer, Solar Cell and Solar Panels will reach approximately 300MW each.

Jul 2009 The 1st fully automated Solar energy panel production line was successfully started in Shangrao, Jiangxi base, which fulfilled the integration of the PV industrial chain at Jinko

Jun 2009 The production capacity of Silicon wafer reached 280MW. Successfully finished the acquisition of SUN VALLEY, solar cell manufacturer, which fulfilled the widening of the integration in PV industrial chain

2008 The production capacity of silicon wafer reached 200MW, positioning Jinko among five biggest silicon wafer suppliers in China

2007 Jinko Shanghai Marketing Center established, while the production capacity of silicon wafer reached 60 MW

2006 Jinko Solar Co., Ltd. established in Shangrao, Jiangxi Province, China

Our Factories

JinKO



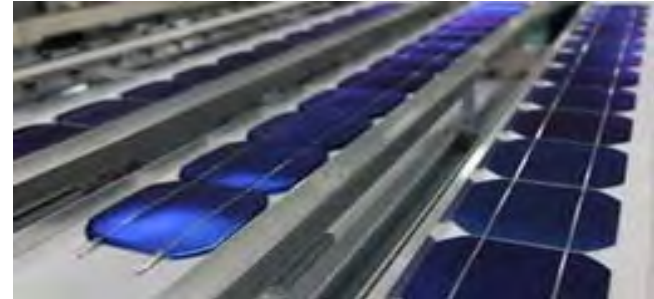
Wafer Production Dept.

JinKO



- **286 MW total capacity**
- **137 mono-crystalline ingots pullers**
- **15 GT Solar multi-crystalline (DSS) furnaces**
- **52 wire sawing machines from Komatsu NTC, testing equipment by Semilab**
- **1,000 employees, 105 engineers**

- In June 2009 Jinko Solar has successfully acquired Sun Valley, a solar cell manufacturer with 100 MW annual capacity
- By the end of 2009 – expansion to 200 MW
- Baccini (Applied Materials) cell lines
- 500 employees, 41 engineer



Module Production Dept.

JinKO



- In the summer 2009 Jinko Solar has launched its module production with 100 MW annual capacity
- NPC, Japan fully-automated module assembly line, additional to manual assembly line for production flexibility
- By the end of 2009 – expansion to 300 MW by adding Swiss-made turn-key systems
- 200 employees, 30 engineers

Quality Control System

JinKO

Supply Chain Management

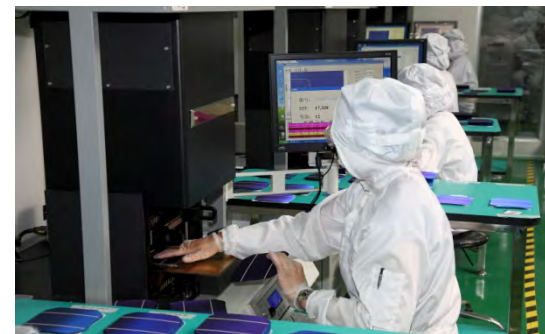
Strict purchasing management provides good quality of the raw materials and components

Production Management

Only after finishing the compulsory 3 months professional pre-job training can workers go on duty. During the production course, we record the data of each batch.

Global Quality Trail

We supply professional counseling both on transporting and after sale service so as to tail each process systematically



Research & Development

JinKO



Partnership with Nanchang University to establish the Jinko Solar Energy Research Institute.



Scientific research cooperation with the National Silicon Material Laboratory at Zhejiang University.



Module Advantage

JinKO

Top Quality:

- ✓ Rigid quality supervision through 64 in-line processes
- ✓ recognized by TÜV Rheinland quality system



Competitive Cost Structure:

- ✓ competitive cost structure & complete service
- ✓ vertically-integrated business mode



Most Reliable Insurance:

- ✓ 12-year warranty of 90%
- ✓ 25-year warranty of 80%



Property Technologies:

- ✓ 100 % ownership of technologies developed
- ✓ partnership with leading university



Packaged Services:

- ✓ Rotterdam warehouse & Munich subsidiary (to be shortly launched)
- ✓ real time solution for customers



TÜVRheinland®
Precisely Right.

Certificate

Registration No.: PV 60027062 Page 1 Report No.: 15033616.001

<p>License Holder: Jinko Solar Co., Ltd. No. 1 Jinko Road Shangrao Economic Development Zone Jiangxi Province 334100 China</p>	<p>Product: PV Module Type: JKM160M-72, JKM165M-72, JKM170M-72 JKM175M-72, JKM180M-72, JKM185M-72 JKM190M-72 with 72" σ mono c-Si cells JKM200M-96, JKM205M-96, JKM210M-96 JKM215M-96, JKM220M-96, JKM225M-96 JKM230M-96, JKM235M-96, JKM240M-96 with 96" σ mono c-Si cells JKM200P-60, JKM205P-60, JKM210P-60 JKM215P-60, JKM220P-60, JKM225P-60 JKM230P-60, JKM235P-60, JKM240P-60 with 60" σ poly c-Si cells</p>
---	---

Manufacturing Plant:
Jinko Solar Co., Ltd.
No. 1 Jinko Road
Shangrao Economic Development Zone
Jiangxi Province 334100
China

Basis:

- IEC 61215:2005
EN 61215:2005
"Crystalline silicon terrestrial photovoltaic (PV) modules - Design qualification and type approval"
- Factory Inspection
To document the consistent quality of the product factory inspections are performed periodically.

- Qualified, IEC 61215
- Periodic Inspection

Remarks:
The details of the factory inspection are documented in report no. 15033616.001.

Conditions:
The product test is voluntarily according to technical regulations. Any change of the design, materials, components or processing may require the repetition of some of the qualification tests in order to retain type approval.
The certificate has a validity of 5 years counting from date of issue.

Dipl.-Ing. M. Adrian

Cologne, 30 September 2009
TUV Rheinland Product Safety GmbH, Am Grauen Stein, D-51106 Cologne

TÜVRheinland®
Precisely Right.

Certificate

Registration No.: PV 60027776 Page 1 Report No.: 15033616.002

<p>License Holder: Jinko Solar Co., Ltd. No. 1 Jinko Road Shangrao Economic Development Zone Jiangxi Province 334100 China</p>	<p>Product: PV Module Type: JKM180M-72, JKM185M-72, JKM170M-72 JKM175M-72, JKM180M-72, JKM185M-72 JKM190M-72 with 72" σ mono c-Si cells JKM200M-96, JKM205M-96, JKM210M-96 JKM215M-96, JKM220M-96, JKM225M-96 JKM230M-96, JKM235M-96, JKM240M-96 with 96" σ mono c-Si cells JKM200P-60, JKM205P-60, JKM210P-60 JKM215P-60, JKM220P-60, JKM225P-60 JKM230P-60, JKM235P-60, JKM240P-60 with 60" σ poly c-Si cells</p>
---	---

Manufacturing Plant:
Jinko Solar Co., Ltd.
No. 1 Jinko Road
Shangrao Economic Development Zone
Jiangxi Province 334100
China

Basis:

- IEC 61215-1:2004
IEC 61215-2:2004
EN 61215-1:2007
EN 61215-2:2007
"Photovoltaic (PV) modules safety qualification"
- Factory Inspection
To document the consistent quality of the product factory inspections are performed periodically.

- Qualified, IEC 61215
- Safety tested, IEC 61730
- Periodic Inspection

Remarks:

Notes:

- IEC 61730 consists of part 1 (Requirements for construction) and part 2 (Requirements for testing)
- The above listed PV modules have been tested according to Annexes (Table 4 (Table 1/Annex 1)) They will be tested in the future at a maximum system voltage (Um at STC) of up to 1000 VDC.
- The test of IEC 61730-2 (100T 23) was not performed.
- The details of the factory inspection are documented in report no. 15033616.001

Conditions:
The product test is voluntarily according to technical regulations. Any change of the design, materials, components or processing may require the repetition of some of the qualification tests in order to retain type approval.
The certificate is valid until 30 September 2014.

Dipl.-Ing. M. Adrian

Cologne, 04 November 2009
TUV Rheinland Product Safety GmbH, Am Grauen Stein, D-51106 Cologne

Jinko Warranty

JinKO

Free shipping costs for replacement modules

25-year 80% power output warranty

12-year 90% power output warranty

5-year material & workmanship warranty





**OEM
PV Manufacturer**

**Self-branded
PV Manufacturer**

**Solar Project
Investment
with partners**

- ✓ **The global marketing network covers over 40 countries all around the world**
- ✓ **Closer cooperation with international partners to develop stable channels**
- ✓ **Overseas warehousing in Rotterdam under construction**
- ✓ **German branch to be launched**
- ✓ **Capacity growth with advanced technology**

We are now active in:

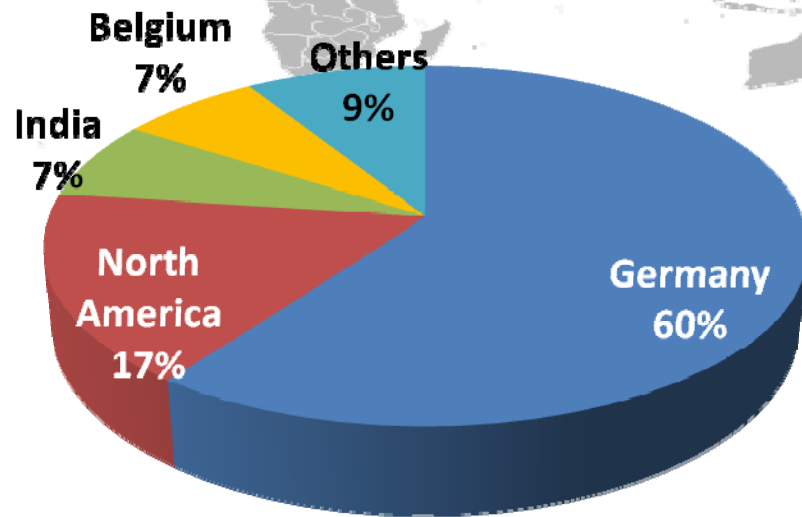
North America, Germany, Italy, Spain, Dutch, Czech, India, Belgium etc.



Sales Geo-diversification



Fast pace sales growth worldwide as partnership established with strong brands



Module Sales 2009 First Half



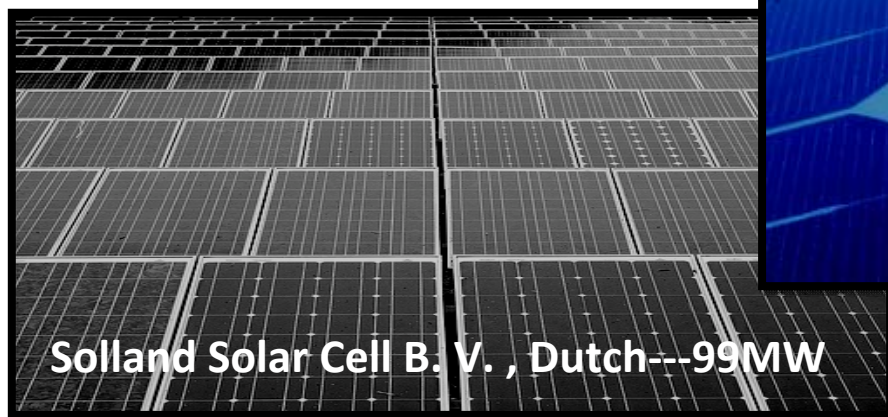
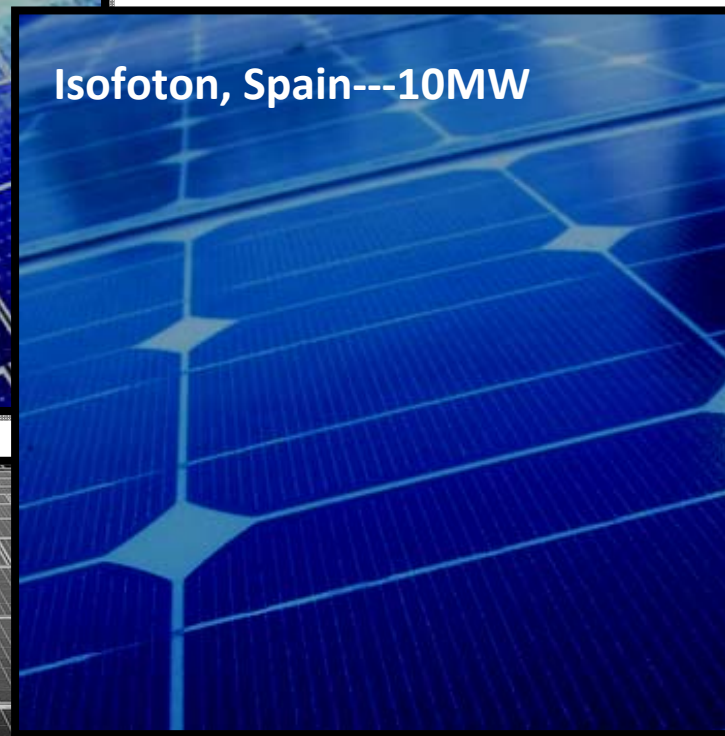
Project Installation

JinKO



Project Installation

JinKO



3T + 3S

JinKO

= Greener Tomorrow

Top-notch Technology

Fully-automated production line by NPC Japan
Stable Production at competitive cost

Top Quality Control

Rigid quality supervision through 64 in-line processes
Multi-dimensional monitoring & strict testing

Trustworthy Customer Care

Product quality & reliability insurance from 3rd party
25-year warranty of 80%; 12-year warranty of 90%



Steady Capacity Growth

Stable Product Delivery

Strict Internal Control



JinKO

Thank You !

China

North America

Germany

Belgium

Spain

Italy

Czech

Dutch

www.jinkosolar.com

