

REFERENCE CASE

Yingli Solar



One-stop solution for Yingli Solar on the product safety, quality and sustainability

Client profile

Yingli is a leading enterprise in the global photovoltaic (PV) industry. Since its establishment, it has grown into a comprehensive energy group that integrates the manufacture of PV modules, the development, construction and operation of power stations, and the supply of overall clean energy solutions.

As an independent party, our experts at TÜV Rheinland can make sure that the vendor is able to deliver products which meet the required quality and are in line with applicable standards in the requested time.

Challenge

- International certification is essential to Yingli's global business expansion plans.
- The PV industry faces fierce competition. How to maintain competitive advantage in such a market environment? How to convince buyers through comparative tests?
- As a clean energy manufacturer, how to improve productivity while ensuring high standards in carbon emission reduction?

Client comment

'TÜV Rheinland is a reliable partner' – Dr Song Dengyuan, CTO of Yingli Group

Solutions

- In launching a new type of product on the market, an enterprise faces a race against time. TÜV Rheinland's certification quality and speed can help clients to win that race, and the authoritativeness of its reports can help them to earn the trust of buyers when expanding into new markets.
- TÜV Rheinland proved that, in comparison with its competitors' products, Yingli's products comply with stricter requirements and demonstrate better performance, thus providing maximum value to buyers.
- As a partner in the WWF's carbon emission reduction project, TÜV Rheinland has assisted Yingli Green Energy Holding Co Ltd in planning each link in the industry chain, including finding ways to reduce carbon emissions and improve productivity.

Co-operation

TÜV Rheinland began its cooperation with Yingli in 2003, and has since provided a range of services to help the company boost product quality and raise brand awareness. In April 2009, the two parties signed a strategic cooperation agreement, under the terms of which the parties agreed to cooperate in the areas of quality control, product certification and personnel training. By capitalising on each other's advantages, each party is improving its work in its own field, thereby providing better products and services to its clients.

Yingli has completed a range of projects in cooperation with various laboratories and branches across the world, including a power competition project, the JISQ project and the CAN CSA project. TÜV certification has allowed Yingli to enter numerous international markets, including Brazil, the UK, Japan and Australia.



Related cases

Case 1:

Yingli Green Energy (Japan) Holding Co Ltd has obtained the first JIS Q 8901 certificate issued by TÜV Rheinland Japan.

Case 2:

Yingli's 'panda' monocrystal module won second place in the Power Generation Power Test of PV Modules competition held by TÜV Rheinland. Fourteen modules from 11 PV enterprises from Europe, North America and Asia participated in the event.

Case 3:

In 2012, in accordance with product carbon footprint standard PAS 2050/ISO 14064/ISO 14067, we assessed the lifecycle carbon footprint of Yingli's polycrystal and monocrystal PV modules. Yingli Green Energy Holding Co Ltd is the world's first PV enterprise to pass TÜV Rheinland's product carbon footprint certification process. Such certification helped Yingli to become the first PV enterprise to be a member of the WWF's Climate Savers Programme.

Related services of TÜV Rheinland

- IEC 61215/IEC 61730 certification
- One-stop service with access to multiple countries
- EU certification test for PV modules
- Carbon footprint: PAS 2015/ISO 14064/ISO 14067 certification

TUV Rheinland Greater China

Hotline

+86 4008831300 (China Mainland)

+852 21921022 (Hong Kong)

+886 2 25287007 (Taiwan)

service-gc@tuv.com

www.tuv.com