

PRESS RELEASE

Talesun Receives VDE Mark of Quality

VDE Bestows Recognition for Safety and Quality on Chinese Solar Module Manufacturer

Munich 30. May 2012: Talesun, a leading international producer of high quality solar modules and cells, receives the quality mark from the Association for Electrical, Electronic and Information Technologies (VDE) for its product line TP660P. The certification recognizes the module's high degree of reliability, optimal functionality and low rate of degradation, as well as the continual quality control throughout the production process.

The award is the first time that the VDE Institute and the Fraunhofer Institute for Solar Energy Systems (ISE) have awarded the mark for safety and quality in solar modules to a Chinese-based manufacturer. The two test-centres inspected Talesun Solar's TP660P product-line in extensive testing over a number of months. Talesun, who made their market debut as recently as 2010, have grown steadily, both in terms of project size and their reputation within the sector.

Strict Criteria

The VDE is known within the photovoltaic industry as having extremely rigorous test criteria, with only very few companies in the sector being in a position to meet them. During the evaluation of the quality attributes, testers place particular emphasis on the reliability and operational safety aspects. This involves the use of multiple samples with controls carried out over extended test periods and cycles. In addition, both institutes undertake further dynamic and mechanical load-testing on the modules as well as mechanical testing of the connections under heightened conditions.

Strict pass / fail criteria are applied within the context of the degradation testing. The maximum performance degradation permitted over the increased sequence of testing is five percent. During the continuous production monitoring, extremely tight demands are placed on the

manufacturing processes. In addition, modules are removed from the manufacturing process on a quarterly basis to ensure that those in production comply with the test samples.

“The VDE has developed, together with important international project participants, integral product testing and quality control for the solar industry. Consumers can feel confident that photovoltaic modules fulfilling test criteria are safe and comply with industry standards and regulations,” explains Wilfried Jäger, **Managing Director** at the VDE Testing and Certification Institute.

Asked about the VDE certification, Baixing Wang, Chairman and founder of Talesun Solar, said, “it is a great honour for our products to be authorised to carry the VDE certification mark. I'm very happy that our strategy of a fully automated production of solar modules has proven to be of the highest quality.” On the role of the Frankfurt-based test and certification centre Baixing Wang continued, “our customers' trust in the longevity (**sustainability**) and safety of our product is of primary importance to us. It's for this reason that we will continue in the future to subject our company and products to testing by the VDE Institute.”



TALESUN

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About VDE:

The Association for Electrical, Electronic and Information Technologies (VDE) has 36.000 members (including 1,300 companies, 8,000 students, 4,000 young professionals) and 1,100 employees, making it one of the largest technical / scientific associations in Europe. The VDE unites science, standardisation and product-testing under a single roof. VDE's scope includes technical knowledge transfer, the promotion of research and of young talent in the key technology areas of electro technology, electronics, information technology, and their applications. Further areas of focus are safety in electro technology and the development of recognised standards, testing and certification of devices and systems. The VDE-Mark, recognised by 63 % of German nationals, stands as a synonym for the highest standards of safety. The technology fields of the VDE: Information Technology, Energy, Medical Technologies, Microelectronics, Micro and Nano-Technologies and Automation. For more information on the VDE please see: www.vde.com.

About Talesun

Talesun is an internationally operating premium producer of solar modules and cells for the private and industrial sectors. The company's 200,000m², fully automated production plant in the Chinese province of Jiangsu will reach a production capacity of 2 GW by the end of 2012. Talesun has subsidiaries in Shanghai, Munich and San Jose. More information under: www.talesun.com.

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