



## Press Release

### SUNTECH INTRODUCES 300W SOLAR MODULE FOR AMERICAS

#### New Module Features Improved Frame Design and 1000V Certification

SAN FRANCISCO, Aug. 23, 2012 /PRNewswire-Asia/ -- Suntech Power Holdings Co., Ltd. (NYSE: STP), the world's largest producer of solar panels, is now offering a 300 watt (W) solar module for commercial and utility-scale solar projects in North and South America. The new Ve-Series module, with 72 multicrystalline cells and 15.5% module efficiency, comes with an improved frame design as well as a 1000 volt (V) operational certification according to standards outlined by Underwriters Laboratories (UL).

(Photo: <http://photos.prnewswire.com/prnh/20120823/CN60345>)

"This new 300W module is what our customers have been asking for. The improved design will lower balance of system costs and generate a better levelized cost of electricity," said John Lefebvre, President of Suntech America. "Success in the PV module industry is all about manufacturing efficiency and incremental innovation, and this new product again demonstrates Suntech's ability to enhance our products year after year while continuing to reduce costs. Every penny of improvement makes solar power more attractive to investors, developers and utilities."

The improved module design reduces frame thickness from 50mm to 40mm, providing a 2.6lb decrease in total module weight. The module is certified to withstand extreme wind (3,800 Pascal) and snow (5,400 Pascal) loads. This superior frame design reduces total shipping, handling and storage costs for Suntech and its customers, as a pallet of the new Ve-Series modules has 19% more power than a pallet of Suntech's older-generation Vd-Series modules. The lighter format also allows for more efficient module handling and installation, helping to reduce project labor costs.

With the 1000V certification to UL 1703 standards, Suntech's 300W modules can be safely connected in longer string series than allowed by the earlier 600V industry standard. Ultimately, this improvement facilitates more efficient large-scale solar project designs and reduces balance of system (BOS) costs such as inverters, wiring and combiner boxes. There are currently several regions in the U.S. that require electrical product certification for utility-scale solar projects and this 1000V certification allows system designers and installers to meet certain requirements.

Like Suntech's entire U.S. product portfolio, the new 300W Ve-Series product will not be subject to the recent U.S. import tariffs imposed on solar cells produced in China. As a global company, Suntech manufactures solar panels in three countries, including in Goodyear, Arizona, and procures equipment, materials and components through its global supply chains.

Available now, the new 300W Ve-Series module will be on display at Solar Power International (SPI) in Orlando, Florida, from September 10th to September 14th. Suntech will also showcase products for the Americas market, including modules that are compliant with the Buy American Act and Ontario feed-in tariff requirements. Please stop by and visit Suntech's Booth at SPI, #2030.

To learn more about Suntech's efforts in driving global solar industry growth, please visit the [Suntech Connect blog](#), like us on [Facebook](#), or follow us on Twitter [@Suntech\\_Connect](#) for regular updates.

#### About Suntech

Suntech Power Holdings Co., Ltd. (NYSE: STP) produces industry-leading solar products for residential, commercial, industrial, and utility applications. With regional headquarters in China, Switzerland, and the United States, and gigawatt-scale manufacturing worldwide, Suntech has delivered more than 25,000,000 photovoltaic panels to over a thousand customers in more than 80 countries. Suntech's pioneering R&D creates customer-centric innovations that are driving solar to grid parity against fossil fuels. Suntech's mission is to provide everyone with reliable access to nature's cleanest and most abundant energy source.

For more information about Suntech's people and products visit <http://www.suntech-power.com/>

#### Safe Harbor Statement

This press release contains forward-looking statements. These statements constitute "forward-looking" statements within the meaning of Section 27A of the Securities Act of 1933, as amended, and Section 21E of the Securities Exchange Act of

1934, as amended, and as defined in the U.S. Private Securities Litigation Reform Act of 1995. These forward-looking statements can be identified by terminology such as "will," "expects," "anticipates," "future," "intends," "plans," "believes," "estimates" and similar statements, including a pallet of the new Ve-Series modules having 19% more power than a pallet of older generation Vd-Series modules, and the lighter format allowing for more efficient module handling and installation, helping to reduce project labor costs. Such statements involve certain risks and uncertainties that could cause actual results to differ materially from those in the forward-looking statements. Further information regarding these and other risks is included in Suntech's filings with the U.S. Securities and Exchange Commission, including its annual report on Form 20-F. Suntech does not undertake any obligation to update any forward-looking statement as a result of new information, future events or otherwise, except as required under applicable law.

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