

PRESS RELEASE

TÜV certifies CIGSe modules from Solteature: Top performance for small roofs with “Linion F”

Berlin 08.18.2011 – The solar module manufacturer Solteature (formerly Sulfurcell) has reached worldwide peak results with its framed thin-film modules based on CIGSe semiconductors. TÜV Rheinland officially confirmed this through the certification based on IEC 61646: TÜV measurements already reached an efficiency of 11.6% in February. This provides an aperture efficiency of 12.6%. Currently the CIGSe modules, which are carried under the product name “Linion F”, reach a peak efficiency of 13%. After just three months of continuous shift operation (24 hours a day) the facility has achieved a yield of over 80%. Solteature manufactures “Linion F” modules with a power spectrum of 75 to 90 watt.

“Even our second generation, the new-to-the-market high-efficiency modules ‘Linion F’, have surpassed the manifold quality and stress tests required by TÜV,” says Dr. Nikolaus Meyer, CEO and founder of Solteature. “We have been developing thin-film solar modules based on CIS semiconductors for over ten years as a German quality manufacturer. We will already achieve an efficiency of 14% within the next 12 months.”

The framed CIGSe modules “Linion F” are especially well suited for smaller roofs because of their high efficiency.

The aluminum frame and the tempered, three millimeter strong front glass, make them especially robust and resilient up to 5400 Pascal snow load. During installation, installers will benefit from the compact and easy to handle module footprint (0.8m²/ 14.6kg). A high admissible system voltage (1000V) and one meter long connection cables allow for manifold interconnection options.

“We strive to offer optimum system solutions to the installer from one source,” explains Henrik Krüpper, Solteature’s managing director for marketing and sales. “This will ensure that our modules will reach their optimum performance.” The module and system provider was developed especially for the ‘Linion F’ modules the high-end mounting system SOL 30. This system provides a cost optimized, fast and no-tools-required mounting solution for every roof using the framed CIGSe modules.

About Solteature

Solteature is a leading manufacturer of CIS-based thin-film solar modules and provider of complete system solutions for solar construction. Evolved from the thin-film pioneer Sulfurcell, important technological milestones have shaped the company history.

From the early module market introduction of thin-film modules based on CIS semiconductors in 2005 to recent record efficiencies of 13.0%. The company has sold over 100,000 modules for projects in Europe, China, India and USA.

In recent years, renowned international investors, including Intel Capital, Climate Change Capital, and the of Vattenfall Europe- and GdF Suez-supported BEU Fund, have provided Solteature growth financing amounting to more than 110 million euros. This fresh capital has been utilized for constructing new production facilities and for research and development.

Further information is available at: www.solteature.com.

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