



CSUN's sub company CEEG Solar Science & Technology and Tigo Introduce Creative Energy Optimization to the Solar Market

With combined technologies, SST introduces a high performing smart module to the market.

Shanghai, China, December 3rd, 2015/ Press Release/:CSUN's sub company SST has announced today the introduction of a new Smart solar module to its product portfolio. Officially unveiled in November, SST's Smart DC modules integrate Tigo's modular TS4 platform. The new platform enhances SST's smart DC module system's performance through the accessibility of wireless communications, the optimization of power output, and the availability of real-time monitoring, while ensuring a reduction in the overall maintenance costs.

“This smart DC module design eliminates module-level or cell string mismatch, reduces the chance of module malfunction, and increases the overall cell performance. The Tigo TS4 is a remarkable new product application that we are adding to many of our existing modules. The smart DC module offers increased safety, flexible system design, reduced O&M costs, and real-time monitoring. This new module enriches CSUN's portfolio by differentiating its products from others in the market,” says Peter Zhang, Manager of Technology Department of SST.

The TS4 Platform replaces the traditional JBox (junction box), allowing customers to install different functional covers to their solar panels. The covers currently offer a range in functionality from diodes and rapid shutdown to full functional long string and optimization – all providing unique, customized unprecedented capabilities. These personalized covers are selectively deployed on each module at different price points, utilizing predictive IV (PIV) technology to maximize energy harvest at minimal cost.

Compared to a traditional module, the smart DC module provides system with greater connectivity, efficiency, and output. The smart module with the TigoTS4 is fully integrated and compatible with all leading inverters, monitoring equipment, and mounting solutions. By providing shade tolerance at the cell level, the SST smart DC modules will produce more energy than modules equipped with the leading DC optimizers or micro-inverters. Increasing power output in constricted installation spaces, the SST smart DC module offer up to 30% longer strings that reduce BOS cost of system.

“Tigo is distinguished in the industry as being the sole company to offer a modular platform where customers can cater their PV Module behavior according to their needs by simply replacing the covers,” says Zvi Alon, Tigo CEO. “We are focused on partnering with tier 1 solar companies in order to spread our innovation and energy optimization. By combining our leading technologies with CSUN, we will be able to provide the solar market with the finest solar energy generation products



and management systems.”

About CSUN

CSUN is a NASDAQ-listed leading manufacturer of solar cells and modules and closely affiliated with the renowned China Electric Equipment Group (CEEG), which has long established strategic partnerships with the KME group and DuPont. The CEEG group is one of the top two manufacturers of electrical transformers in China and also manufactures advanced composite materials used in the construction of aircraft and other transportations systems. CSUN has extensive experience in the photovoltaic industry and is known for outstanding innovation, efficiency and quality. Initially, CSUN was focused solely on cell manufacturing and supplied leading European solar module manufacturers with cells. Today, CSUN has added a solar module production capacity of 1.2 GW and has sold over 1.4 GW of modules. SST recently installed a 42.4kw system using Tigo MMJ-box in Shanghai, China.

CSUN is online:

<http://www.csun-solar.com/index.html>

About Tigo®

Tigo is a Silicon Valley company founded in 2007 by a team of experienced technologists. Combining a unique systems-level approach with expertise in semi-conductors, power electronics, and solar energy the Tigo team developed the first generation Smart Module Optimizer technology for the solar industry. Tigo's vision is to leverage power electronics and communications technology to drive the cost of solar electricity down. By partnering with tier 1 module and inverter manufacturers in the industry, Tigo is able to focus on its key innovation and leverage the broader ecosystem. Tigo has operations in the USA, across Europe, Japan, China, Australia and the Middle East.

Tigo is online at <http://www.tigoenergy.com/>