

# **TSMC Solar** **Achieves 14.2%** **Efficient CIGS** **Module**

**TAICHUNG, TAIWAN, SEP 6, 2012 /PRNEWswire/** -- TSMC Solar Ltd. announced today that it successfully manufactured 14.2% efficient modules using its R&D and pilot production line at its highly-automated manufacturing facility in Taichung, Taiwan. The panels have entered the UL and IEC certification process with availability expected early in 2013.

TSMC has also achieved rapid improvement in its production modules that are currently and consistently achieving 13% module efficiency. As a result, the company has upgraded the TS CIGS Series product lineup to span 130W – 140W panels.

“These significant improvements achieved since entering pilot production in March of this year demonstrate our ability to make rapid technology advancements. We are confident that our focus on technology improvement will enable us to continue driving efficiencies significantly higher for the next few years,” said Ying-Chen Chao, President of TSMC Solar.

Since first customer shipments in April this year, TSMC modules have been sold in major global solar markets including Germany, Italy, USA, China and India.

“Customers appreciate the TS CIGS Series all-black aesthetics, energy yield advantages in hot climates and the additional yield contributed by plus-sorting and light soaking benefits,” said Stephen McKenery, TSMC Solar Worldwide Sales Head.

## **Visit us at SPI and EU PVSEC**

TSMC Solar will be exhibiting at the Solar Power International, Orlando on Sep 11-13 (Booth 2049) and at European PVSEC, Frankfurt on Sep 25-28 (Hall 3.1, Booth D24)

## **About TSMC Solar**

TSMC Solar Ltd. is a wholly-owned subsidiary of Taiwan Semiconductor Manufacturing, Inc. (NYSE: TSM), the acknowledged semiconductor dedicated foundry segment leader. TSMC’s solar business was founded in May 2009 and is headquartered in Taichung, Taiwan, with regional sales offices in Hamburg, Germany; San Jose, California and Boston, Massachusetts.

For more information please go to [www.tsmc-solar.com](http://www.tsmc-solar.com).

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