Press Release

Trina Solar Announces 'MeSolar' Brand UMG-Silicon Based Product Line

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CHANGZHOU, China, Dec. 18 /PRNewswire-Asia-FirstCall/ -- Trina Solar Limited ("Trina Solar" or the "Company"), a leading integrated manufacturer of photovoltaic products from the production of ingots, wafers and cells to the assembly of PV modules, today announced the launch of the brand name "MeSolar" for its newly in-house developed line of products based on Upgraded Metallurgical Grade ("UMG") silicon materials.

The product line is part of Trina Solar's strategy to expand its product portfolio in order to address customers' increasing demand for lower cost solar module systems. "We are pleased to introduce the brand name 'MeSolar' which represents our high quality and efficient modules using UMG silicon materials, with advantageous prices for our customers," stated Arturo Herrero, Trina Solar's Vice President of Sales & Marketing. "MeSolar" products undergo a stringent production process as well as rigorous quality control checks as a result of initial optimization and critical development stages during testing along the entire value chain, starting from UMG silicon materials, wafers, and cells, to modules, the final product.

Jifan Gao, Trina Solar's Chairman and CEO, stated, "We expect that UMG feedstock technology will continue to advance in the next year, which combine with improved manufacturing efficiencies should provide significant and sustainable cost advantages forward for added value to our customers."

Trina Solar plans to launch production of "MeSolar", employing its existing, dedicated manufacturing lines, with sales and deliveries planned throughout 2009. The UMG-based "MeSolar" modules have a 20-year warranty.

About Trina Solar Limited

Trina Solar Limited (NYSE: TSL - News) is a well recognized manufacturer of high quality modules and has a long history as a solar PV pioneer since it was founded in 1997 as a system installation company. Trina Solar is one of the few PV manufacturers that has developed a vertically integrated business model from the production of monocrystalline and multicrystalline ingots, wafers and cells to the assembly of high quality modules. Trina Solar's products provide reliable and environmentally-friendly electric power for a growing variety of end-user applications worldwide. For further information, please visit Trina Solar's website at http://www.trinasolar.com .

Safe Harbor Statement

This announcement contains forward-looking statements within the meaning of the safe harbor provisions of the Private Securities Litigation Reform Act of 1995. All statements other than statements of historical fact in this announcement are forward-looking statements, including but not limited to, Trina Solar's ability to raise additional capital to finance its activities; the effectiveness, profitability, and marketability of its products; the future trading of the securities of the Company; the ability of the Company to operate as a public company; the period of time for which its current liquidity will enable the Company to fund its operations; the Company's ability to protect its proprietary information; general

economic and business conditions; the volatility of the Company's operating results and financial condition; the Company's ability to attract or retain qualified senior management personnel and research and development staff; and other risks detailed in the Company's filings with the Securities and Exchange Commission. These forward-looking statements involve known and unknown risks and uncertainties and are based on current expectations, assumptions, estimates and projections about the companies and the industry. The Company undertakes no obligation to update forward-looking statements to reflect subsequent occurring events or circumstances, or to changes in its expectations, except as may be required by law. Although the Company believes that the expectations expressed in these forward looking statements are reasonable, they cannot assure you that their expectations will turn out to be correct, and investors are cautioned that actual results may differ materially from the anticipated results.

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