JinkoSolar's 182 mm TOPCon Module Reaches Highest Conversion Efficiency of 25.42%

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SHANGRAO, China, June 11, 2024 /PRNewswire/ -- JinkoSolar Holding Co., Ltd. ("JinkoSolar" or the "Company") (NYSE: JKS), one of the largest and most innovative solar module manufacturers in the world, today announced a significant breakthrough in the development of its N-type TOPCon solar module. Tested by TÜV SÜD, the conversion efficiency for 2 m^2 above large-size solar modules has reached 25.42%, setting a new record again. This further reinforces our confidence that N-type TOPCon technology is the most competitive technology choice for sustainability and, as a result, has substantial growth potential.

The module incorporates a series of technological and material innovations based on N-type TOPCon solar cells, including metalization enhancement technology, high-precision non-destructive patterning technology, and high energy density hydrogen passivation technology. Coupled with advanced high-density module encapsulation technology, these innovations effectively reduce the internal resistance losses of the module and lead to a significant enhancement in efficiency. The lab result has the practical foundation to be fast introduced into mass production, and technically set the direction for mass production of subsequent advanced products.

Dr. Hao Jin, CTO of JinkoSolar Co., Ltd., commented, "Thanks to our talented R&D team, we have achieved another breakthrough in module conversion efficiency, leveraging our accumulated experience and continuous efforts in N-type technology R&D. We will continue to invest in R&D innovation and mass production capabilities and contribute to building a greener and more sustainable new energy structure with high-efficiency and reliable N-type product."

About JinkoSolar Holding Co., Ltd.

JinkoSolar (NYSE: JKS) is one of the largest and most innovative solar module manufacturers in the world. JinkoSolar distributes its solar products and sells its solutions and services to utility-scale, commercial and residential customers in China, the United States, Japan, Germany, the United Kingdom, Chile, South Africa, India, Mexico, Brazil, the United Arab Emirates, Italy, Spain, France, Belgium, Netherlands, Poland, Austria, Switzerland, Greece and other countries and regions.

JinkoSolar had 14 productions facilities globally, 26 overseas subsidiaries in Japan, South Korea, Vietnam, India, Turkey, Germany, Italy, Switzerland, the United States, Mexico, Brazil, Chile, Australia, Canada, Malaysia, the United Arab Emirates, Denmark, Indonesia, Nigeria and Saudi Arabia, and a global sales network with sales teams in China, the United States, Canada, Brazil, Chile, Mexico, Italy, Germany, Turkey, Spain, Japan, the United Arab Emirates, Netherlands, Vietnam and India, as of March 31, 2024.

To find out more, please see: www.jinkosolar.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. Among other things, the quotations from management in this press release and the Company's operations and business outlook, contain forward-looking statements. 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 JinkoSolar's filings with the U.S. Securities and Exchange Commission, including its annual report on Form 20-F. Except as required by law, the Company does not undertake any obligation to update any forward-looking statements, whether as a result of new information, future events or otherwise.

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