



Building Your Trust in Solar

JinkoSolar's High-efficiency N-Type Monocrystalline Silicon Solar Cell Sets Our New Record with Maximum Conversion Efficiency of 26.1%

October 13, 2022

SHANGRAO, China, Oct. 13, 2022 /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 that it has achieved a major technical breakthrough for its 182 mm high-efficiency N-type monocrystalline silicon solar cell. JinkoSolar has set a new record again with the maximum solar conversion efficiency of 26.1% for its 182 mm and above large-size monocrystalline silicon TOPCon solar cell. This result has been independently confirmed by the National Institute of Metrology, China ("NIM").

The R&D department has developed interface defect passivation, highly transparent poly silicon film and ultra thin metallization technologies based on laser doped selective emitter. These advanced technologies can be applicable to large area solar cells. JinkoSolar's self-developed HOT technologies, and a series of material upgrades were integrated into the cell process to set this new record for maximum conversion efficiency of 26.1%, compared with the record set this April reaching 25.7%.

Dr. Jin Hao, CTO of Jinko Solar Co., Ltd. commented, "We are proud to achieve a major breakthrough in the conversion efficiency of N-type TOPCon cells in less than half a year, breaking the record we have previously set for N-type monocrystalline silicon solar cells. Thanks to the tireless efforts of our talented R&D team for creating this important milestone in the innovation of the company's products and solutions. We will continue to invest in R&D innovation and mass production capabilities, and to accelerate the pace of industry upgrading for advanced N-type product. We are confident to provide better returns to our customers with our cutting-edge technology and reliable supply chain."

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 a diversified international utility, commercial and residential customer base 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 has built a vertically integrated solar product value chain, with an integrated annual capacity of 43.0 GW for mono wafers, 42.0 GW for solar cells, and 50.0 GW for solar modules, as of June 30, 2022.

JinkoSolar has 14 productions facilities globally, 21 overseas subsidiaries in Japan, South Korea, Vietnam, India, Turkey, Germany, Italy, Switzerland, the United States, Mexico, Brazil, Chile, Australia, Canada, Malaysia, UAE, and Denmark, and global sales teams in China, the United States, Canada, Germany, Switzerland, Italy, Japan, Australia, Korea, India, Turkey, Chile, Brazil, Mexico and Hong Kong, as of June 30, 2022.

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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