JinkoSolar Breaks Multiple World Records of Silicon Solar Cell and Module Technology

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SHANGHAI, Oct. 25, 2017 /PRNewswire/ -- JinkoSolar Holding Co., Ltd. (NYSE: JKS) (the "Company," or "JinkoSolar"), a global leader in the solar photovoltaic industry, today announced that it has broken multiple solar technology world records. In an attempt independently verified by the Chinese Academy of Science Testing Laboratory, JinkoSolar broke the existing world record by achieving conversion efficiency of 22.78% on P-type monocrystalline PERC solar cells. This marks the second time in 2017 that JinkoSolar has broken a world record in solar cell conversion efficiency after achieving the 22.04% conversion efficiency record on P-type polycrystalline PERC solar earlier in the year. These recent milestones follow JinkoSolar's earlier successes verified by TUV Rheinland where the company achieved a P-type 60-cell monocrystalline module output of 356.5 W and a P-type 60-cell polycrystalline module output of 347.6 W.

JinkoSolar's improvement in P-type PERC solar cell conversion efficiency was enabled by the application of several advanced cell technologies, including high quality P-type silicon wafer and bulk passivation technology, multi-layer ARC technology, selective emitter technology, and fine-finger metallization technology. Among the various techniques utilized, the application of the selective emitter structure and fine-finger metallization significantly minimized the energy losses caused by recombination. The open circuit voltage and conversion efficiency of the solar cell was also greatly improved as a result. The utilization of advanced multi-layer ARC technology, an innovation developed by JinkoSolar, made further contributions to the efficiency increase. Ultimately, the solar module power output improvement was achieved by cell efficiency increases, cell-to-module electrical optimization, and internal light management techniques.

Mr. Kangping Chen, CEO of JinkoSolar, commented, "Driven by the rapid development of the solar technical and commercial landscape in recent years, JinkoSolar has utilized its technical leadership as a springboard to make jumps in the global industry. We've also greatly strengthened our leadership position in terms of photovoltaic research and development with an advanced manufacturing process, faster mass production speeds, and better quality control than our peers. These advantages have allowed JinkoSolar to reach unprecedented heights in terms of module shipment numbers. JinkoSolar remains committed to advancing its research and development program. We plan to apply what we've learned from our successful world record attempts in a test production environment. We will then rapidly seek the mass application of our new technologies to further bring down the cost per watt of our modules. I am confident that JinkoSolar will become the industry leader in both research and development and advanced manufacturing."

About JinkoSolar Holding Co., Ltd.

JinkoSolar (NYSE: JKS) is a global leader in the solar industry. 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, and other countries and regions. JinkoSolar has built a vertically integrated solar product value chain, with an integrated annual capacity of 6.0 GW for silicon ingots and wafers, 4.5 GW for solar cells, and 7.5 GW for solar modules, as of June 30, 2017.

JinkoSolar has over 15,000 employees across its 8 productions facilities in China (5), Malaysia, Portugal and South Africa, 16 oversea subsidiaries in Japan (2), Singapore, India, Turkey, Germany, Italy, Switzerland, United States, Canada, Mexico, Brazil, Chile, Australia, South Africa and United Arab Emirates, and 18 global sales offices in China (2) ,United Kingdom, Bulgaria, Greece, Romania, United Arab Emirates, Jordan, Saudi Arabia, Kuwait, Egypt, Morocco, Ghana, Kenya, Costa Rica, Colombia, Brazil and Mexico.

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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