JinkoSolar Large-Area N-Type Monocrystalline Silicon Solar Cell Reaches Record High Efficiency of 24.79%

July 20, 2020

SHANGRAO, China, July 20, 2020 /PRNewswire/ -- JinkoSolar Holding Co., Ltd. (the "Company," or "JinkoSolar") (NYSE: JKS), one of the largest and most innovative solar module manufacturers in the world, today announced that the maximum solar conversion efficiency of its large-area N-type monocrystalline silicon solar cells reached 24.79%, and have set a world record for large-size contact-passivated solar cells. This result was independently confirmed by the Institute for Solar Energy Research in Hamelin (ISFH), Germany.

JinkoSolar's R&D teams of experts in silicon wafer, solar cells and solar modules have made significant breakthroughs in the field of high efficiency and high power of cells and modules for many years.The record-breaking mono-crystalline silicon solar cell was fabricated on a high quality CZ mono-Si substrate, with a practical size of 267.72cm^2, and several advanced technologies have been implemented to achieve this new record of 24.79%, including passivating contact technologies, advanced diffusion system, surface passivation and advanced anti-reflection technologies, and a series of material upgrade were integrated into the cell process. The record-breaking mono-crystalline silicon solar cell will be gradually applied to product production.

"JinkoSolar has reached a key R&D milestone and our commitment towards technological innovation in silicon material, cell fabrication and module processing technologies has led to multiple world records for the efficiency of solar cells and modules. We are very proud to break the world record with advanced large-area N-type cell in the world, and this innovative cell technology also holds the world record for PV module efficiency," commented Dr. Jin Hao, CTO of JinkoSolar. "We will constantly invest in upgrading technologies to achieve mass production, and to lead the way by providing high efficiency and competitive industrial products for our global customers."

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, and other countries and regions. JinkoSolar has built a vertically integrated solar product value chain, with an integrated annual capacity of 17.5 GW for mono wafers, 10.6 GW for solar cells, and 16 GW for solar modules, as of March 31, 2020.

JinkoSolar has over 15,000 employees across its 7 productions facilities globally, 14 overseas subsidiaries in Japan, South Korea, Vietnam, India, Turkey, Germany, Italy, Switzerland, United States, Mexico, Brazil, Chile and Australia, and global sales teams in China, United Kingdom, France, Spain, Bulgaria, Greece, Ukraine, Jordan, Saudi Arabia, Tunisia, Morocco, Kenya, South Africa, Costa Rica, Colombia, Panama, Kazakhstan, Malaysia, Myanmar, Sri Lanka, Thailand, Vietnam, Poland and Argentina.

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.

For investor and media inquiries, please contact:

Ms. Ripple Zhang
JinkoSolar Holding Co., Ltd.
Tel: +86 21-5183-3105
Email: pr@jinkosolar.com

View original content:http://www.prnewswire.com/news-releases/jinkosolar-large-area-n-type-monocrystalline-silicon-solar-cell-reaches-record-high-efficiency-of-24-79-301095995.html

SOURCE JinkoSolar Holding Co., Ltd.