Press release

Heraeus' new front-side paste SOL9631J Series enables Jinko Solar to produce new high-efficiency solar cells

(Shanghai, 2 September 2016) Today, the industry-leading developer and manufacturer of silver metallization pastes Heraeus Photovoltaics announced a new collaboration with Jinko Solar to support the latter's launch of efficient polycrystalline cells. The Heraeus SOL9631J Series of new generation front-side silver pastes raises the conversion efficiency of solar cells. This collaboration marks another milestone in the long-term strategic cooperation between Heraeus and Jinko Solar.

Jinko Solar adopts Heraeus SOL9631J Series silver paste to enhance the power output of its solar module design. Compared with the previous generation of products, SOL9631J Series increases the conversion efficiency for Jinko Solar’s cells by more than 0.1%. The improvement is made possible by superior electrical conductivity and excellent fine-line printing technology, which enables a higher aspect ratio and better printability. In addition, the paste is suitable for high-speed printing, which helps Jinko Solar boost its production line productivity and total production capacity, enhancing its competitive power.

"Through our highly successful partnership, Jinko Solar and Heraeus have been able to jointly develop this new-generation of Heraeus silver metallization paste and successfully integrate it into Jinko Solar's mass production process, thereby greatly improving the conversion efficiency of their solar cells. We are looking forward to creating further achievements with our strategic partners Heraeus in the future," said Jinko Solar CEO Chen Kangping. "Jinko's vision and mission is to change the energy structure, and to assume responsibility for the future by providing integrated clean energy solutions. We aim to become a benchmark in our industry to help build a more sustainable future. We want to achieve this important goal together with Heraeus."

"We are very pleased to see our new-generation silver metallization paste to the level of mass production by collaborating development with Jinko. This testifies to the substantive progress of our strategic cooperation with Jinko Solar," said Andreas Liebheit, President Heraeus Photovoltaics. Andreas Liebheit further pointed out, "Heraeus constantly innovates our products and technologies, including customized photovoltaic products and services for Jinko Solar, to enable its next generation of products to advance further. We are convinced that this collaboration with our strategic partner Jinko Solar opens up new prospects for Heraeus' customized products in the photovoltaic industry."

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 3.5 GW for silicon ingots and
wafer. 3.5 GW for solar cells, and 6.5 GW for solar modules, as of June 30, 2016. JinkoSolar also sells electricity in China, and had connected approximately 1,130 MW of solar power projects to the grid, as of June 30, 2016.

JinkoSolar has over 15,000 employees across its 6 productions facilities in Jiangxi, Zhejiang and Xinjiang Provinces, China, Malaysia, Portugal and South Africa, 16 overseas subsidiaries: Japan (2), Singapore, India, Turkey, Germany, Italy, Switzerland, Spain, USA, Canada, Mexico, Brazil, Chile, Australia and South Africa and 18 global sales offices: China (2), United Kingdom, France, Bulgaria, Greece, Romania, United Arab Emirates, Jordan, Saudi Arabia, Kuwait, Egypt, Morocco, Ghana, Kenya, Costa Rica, Colombia, Brazil and Mexico.

For more detail please visit the official website: www.jinkosolar.com

About the Heraeus Photovoltaics Global Business Unit

The Heraeus Photovoltaics Business Unit is an industry leading developer and manufacturer of silver metallization pastes for the photovoltaic industry. For over 40 years, Heraeus has built a reputation of innovation, extensive research and new product development in thick film technologies for some of the most prominent companies within a variety of industries. In the field of photovoltaics, the Heraeus Photovoltaics Business Unit applies this history and its innovative technology to offer metallization pastes for solar cell applications. The Heraeus SOL Series of silver pastes is specially formulated to provide higher efficiencies and wider processing windows, resulting in better yields and higher output for cell manufacturers.

Heraeus, the technology group headquartered in Hanau, Germany, is a leading international family-owned company formed in 1851. With expertise, a focus on innovations, operational excellence and an entrepreneurial leadership, we strive to continuously improve our business performance. We create high-quality solutions for our clients and strengthen their competitiveness in the long term by combining material expertise with technological know-how. Our ideas are focused on themes such as the environment, energy, health, mobility and industrial applications. Our portfolio ranges from components to coordinated material systems which are used in a wide variety of industries, including the steel, electronics, chemical, automotive and telecommunications industries. In the 2014 financial year, Heraeus generated product revenues of €3.4 bn and precious metal revenues of €12.2bn euros. With around 12,600 employees worldwide in more than 100 subsidiaries in 38 countries, Heraeus holds a leading position in its global markets.

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