

Press Release

Heraeus Photovoltaics and YourBest announce manufacturing and sales partnership for high-efficiency Selectively Coated Ribbons

Heraeus Photovoltaics boosts module efficiency by selectively coated ribbon innovation – now available in Asia-Pacific by YourBest

SHANGHAI, China, May 28, 2020- Heraeus Photovoltaics, a leading technology solution provider for the renewable energy industry, is now offering its module efficiency-boosting Selectively Coated Ribbons (SCRibbon™) through YourBest, its manufacturing and distribution partner for the Asia Pacific region. Under the agreement, YourBest will handle the manufacturing and sales of this Heraeus technology for the Asia-Pacific market, which will include Mainland China, Taiwan China, Korea, and other markets in the region. Heraeus Photovoltaics will manage its Intellectual Property for SCR and provide ongoing R&D and technical support.

PV ribbons play an important role in the manufacture of solar modules, interconnecting the cells together to a string that is placed inside the module. With its unique design, Heraeus SCR represents a breakthrough in interconnecting PV cells. While traditional PV ribbons typically have a solder coating on them, the Heraeus SCR is a tabbing ribbon designed with stripes of highly - reflective materials with special product design. For solar module manufacturers, SCR provides a “plug and play” solution that easily integrates into their existing manufacturing process without requiring any additional equipment. The new design delivers significant improvements in functionality and performance, namely:

- Up to 0.7% power gain under standard test conditions (STC)
- Field test displays 2.1% additional energy yield
- Compatible with all stringer machines
- Excellent reliability and outdoor performance
- Versatility to work on conventional module designs as well as modules made with half-cut cells and bifacial modules

Dr. Albert Lu, the Global Head of Business Development for Heraeus Photovoltaics, said, “We know that module manufacturers have to be cost-competitive and find new ways to deliver greater efficiency and value. Selectively Coated Ribbons are a game-changer for the solar industry because they deliver both. Furthermore, we are discovering other potential of interconnection solutions with YourBest currently.” Mr. Xiao Feng, General Manager of YourBest added, “The partnership between YourBest and Heraeus Photovoltaics is a win for module manufacturers here in the Asia-Pacific region. They will be able to take advantage of a truly innovative plug-and-play PV ribbon solution that delivers high efficiency, reliability and, best of all, no additional effort or investment.”

Heraeus Photovoltaics and YourBest have announced that Selectively Coated Ribbons are now available for customer sampling. For more information, please find

https://www.heraeus.com/en/hpt/products_solutions_photovoltaics/module_solutions/scr_1/selectively_coated_ribbon.html

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About the Heraeus Photovoltaics Global Business Unit

The Heraeus Photovoltaics Global 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.

About the YourBest

SUZHOU YOURBEST is a leading manufacturer for interconnection solution in PV industry, which specialized in tin-plated copper ribbon R&D, production and sales of PV modules with its leading high-tech and market share. YOURBEST is widely recognized by the customers for its high-quality products and after-sales services.

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