

A powerful duo: IBC SOLAR cooperates with Jolywood

Bad Staffelstein, 23 June 2022 – IBC SOLAR, a leading full-service provider of SOLAR energy solutions, cooperates with Jolywood, one of the leading manufacturers of bifacial modules with n-type cells and TOPCon technology. IBC SOLAR is thus expanding its portfolio with two bifacial high-performance modules with 380 and 560 watts of power: the Jolywood Niwa JW-HD120N can now be ordered in Europe through IBC SOLAR. Thanks to its beautiful aesthetics, it is particularly suitable both for residential and commercial applications. The high-performance JW-HD144N is specifically designed for projects.

Jolywood is one of the pioneers in n-type TOPCon solar cells and at the same time one of the largest backsheet manufacturers. IBC SOLAR has been using Jolywood's backsheets in its own modules for a long time. With the integration of bifacial modules into the IBC SOLAR portfolio, a deeper cooperation is now emerging.

Jolywood's robust high-performance glass-glass modules have a particularly high module efficiency and lower degradation than conventional p-type solar cells. They also offer a better temperature coefficient and a bifacial coefficient of 80 percent. Thus, the rear side of the modules can achieve 80 percent of the capacity of the front side. Modules that are active on both sides thus provide an increased energy yield. This makes them up to 25 percent more profitable than conventional modules on the same surface, depending on the ground characteristics.

The Jolywood Niwa JW-HD120N module with an output of 380 watts is expected to be available to IBC SOLAR customers in Europe by end of September 2022. Customers have been able to pre-order it since 1 June. With excellent performance in weak light conditions, the module delivers high yields, even in low-light conditions on cloudy or foggy days. Thanks to a very low degradation of the n-type cells of only 0.40 percent, the modules are particularly durable.

"We have a strong emphasis on the needs of our customers. We are delighted that in Jolywood we have found a partner with whom we are able to continue ensuring the availability of high-quality and durable solar modules in the residential sector," explains Stefan Horstmann, COO of IBC SOLAR AG. "With its innovative cell concept, Jolywood is a manufacturer with potential for the future. The high-performance products make an excellent addition to our portfolio."

Alan Xie, Deputy General Manager of Jolywood, adds: "We are delighted to be working with one of the leading system houses for photovoltaics and energy storage in Europe. Many years of experience and the strong focus on quality and customer satisfaction make IBC SOLAR an ideal partner to successfully position our leading n-type PV cell and module technology in the European target markets."

About IBC SOLAR

IBC SOLAR is a leading full-service provider of energy solutions and services in the field of photovoltaics and storage. The company offers complete systems and covers the entire product range from planning to the turnkey handover of photovoltaic systems. The range includes energy solutions for private homes, trade and industry as well as solar parks. IBC SOLAR is a project

Press release

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developer and general contractor in these areas, and plans, implements and markets large-scale SOLAR projects worldwide. IBC SOLAR works closely with a network of Premium Partners who ensure competent and high-quality installation of the systems worldwide.

IBC SOLAR was founded in 1982 in Bad Staffelstein by Udo Möhrstedt and is now a pioneer in the energy revolution in over 30 countries.

About Jolywood Solar

Jolywood (Taizhou) Solar Technology Co., Ltd. was established in 2016 as a subsidiary of Jolywood Group, which is one of the world's largest solar backsheet manufacturers. Jolywood Solar equipped with a production capacity of 3.6 GW n-TOPCon bifacial cells, 3 GW n-TOPCon bifacial modules and 150 MW n-IBC cells, it has comprehensive intellectual property rights in n-type technology. The company became one of the largest specialist enterprises engaged in the research and development, manufacturing and sales of high-efficiency n-type TOPCon bifacial photovoltaic cells and modules in the world.

As the leader in n-type bifacial photovoltaic technology, Jolywood Solar has delivered more than 5 GW n-type solar modules and cells in more than 50 countries.

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