

LONGi unveils its premium Hi-RO Onyx modules at Solar Solutions International 2021

Advanced high-efficiency, high-power modules with Zero Bus Bar (ZBB) technology designed for residential homes

Vijfhuizen, The Netherlands - September 28, 2021 - With over 250 exhibitors, more than 80 speakers and around 100 seminars, Solar Solutions International, the largest trade show for solar energy in Northwest Europe, opened on September 28, in the Expo Haarlemmermeer, Vijfhuizen. LONGi, the world-leading solar technology company with its headquarters in Xi'an, China, released its Hi-RO Onyx – its brand new, premium modules designed for use in all rooftop applications. Based on LONGi proprietary monocrystalline wafer, Onyx adopts LONGi's innovative solar cell and module technology to deliver the highest efficiency and reliability. The cell is half-cut with Zero Busbar (ZBB) technology, with no visible busbars.

Onyx is a series of high-efficiency, high-power modules designed for rooftop applications in the residential segment. It excels where high power generation is required in limited rooftop space and where aesthetics is important. Maximum power reaches 400Wp and module efficiency is up to 22.2%.

The series includes two monofacial module products. The 390Wp full-black version (HTB) has aesthetics that compliments the typical rooftops of European homes while the standard version (HTH) with white backsheet maximizes power output to 400Wp.

Onyx modules show outstanding energy generation due to its Zero Busbar (ZBB) technology with maximum light capture and low reflection, lower power degradation (first year 1.5%, linear degradation 0.5%), lower temp. coefficient (0.29%/°C) and better low irradiation performance (According to 3rd party test results, at low irradiation, Onyx delivered the highest energy generation when compared with market standard modules). These features, working together with its ZBB technology and no shading on the frontside, allows Onyx to deliver outstanding power performance. Onyx comes with 25 years product warranty.

“Hi-RO Onyx is a new product in LONGi portfolio built from the ground up for distributed generation segments with premium features.” commented Dennis She, LONGi Solar's Senior Vice President. “LONGi Solar now has a full-range product portfolio consisting of Hi-MO 4, Hi-MO 5, Hi MO N and the new Hi-RO Onyx, with each product series optimized for different application scenarios.”

At launch, Onyx will be available in the Netherlands and northern Europe.

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