

Is Longi Green Energy the world's best crystalline silicon solar module?

From pv magazine Global China's Longi Green Energy has set a new world record for crystalline silicon solar module efficiency, according to a certification report from Germany's Fraunhofer ISE. Longi's independently developed HPBC 2.0 module has achieved a conversion efficiency of 25.4%, surpassing previous global records.

Which crystalline silicon solar module has the best conversion efficiency?

China's Longi Green Energyhas set a new world record for crystalline silicon solar module efficiency with its independently developed hybrid passivated back contact (HPBC) 2.0 module, achieving a conversion efficiency of 25.4%, according to a certification report from Germany's Fraunhofer Institute for Solar Energy Systems (Fraunhofer ISE).

Is Longi a record breaker for solar cells? Record-breaker LONGi Once Again Sets a New World Efficiency for Silicon-perovskite Tandem Solar Cells

Is Longi a 'father of photovoltaics'?

Longi's achievement will be included in the next version of the efficiency tables tracking the industry's progress, the Shanghai-listed firm quoted Martin Green, known in the field as the "father of photovoltaics", as saying at a ceremony to announce the record.

Who is the largest solar panel manufacturer in 2021?

LONGI's Booth in PV Expo of Tokyo,Japan. : Image LONGi Solar According to Taiwanese market research company PVInfolink,Chinese PV module manufacturer Longi was the world's largest panel provider in 2021. The company was followed by Trina Solar,JA Solar,and JinkoSolar,with the latter losing the first position reached a year earlier.

How efficient are Longi tandem solar cells?

In November 2023, the LONGi tandem solar cell team achieved an efficiency of 33.9% for tandem cells. Less than a year later, they have broken the record once again, demonstrating their strong R&D capabilities and relentless pursuit of exploration. To achieve this breakthrough, LONGi's R&D team conducted extensive experiments in several areas.

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Photovoltaic panels 460W - Longi Hi-MO 4m LR4-72HBD 440-460M The Longi Hi-MO 4m LR4-72HBD photovoltaic panel is a high-performance module designed for large-scale commercial and utility applications. With a power ...

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Photovoltaic panels 375W - Longi Hi-MO 4m LR4-60HPB 355-375M The Longi Hi-MO 4m LR4-60HPB 355-375M is a photovoltaic panel with a power output of 375W. It belongs to the Hi-MO 4m series, which has many advantages, ...

LONGi PV Solutions Xi"an, China, 21th Agust,2024 -- The world-leading solar technology company, LONGi Green Energy Technology Co., Ltd. (hereafter as "LONGi"), is pleased to ...

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Longi are known for their high quality, long-lasting, monochrome solar panels, which makes them a great choice. Longi has managed to captivate the industry in a short period through its ...



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