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Title: Dust prevention for LONGi photovoltaic panels

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How does Longi anti-dust technology work?

Superimposed on LONGi's first anti-dust technology in the industry, the product features improved frame design that prevents dust accumulation more effectively. The theoretical power generation per unit area with this latest design is more than 10% higher than that of conventional TOPCon components, claims the manufacturer.

Are Longi X10 back-contact solar modules reliable?

At the recent TaiyangNews Reliable PV Module Design Conference 2024, Dante Zeng, Product Marketing Manager at LONGi Solar, discussed the main features, including anti-dust accumulation, of the company's Hi-MO X10 series back-contact modules designed for DG applications (see Birth To Earth: LONGi Hi-MO X10 Module's Full Lifecycle Reliability).

Does Longi X10 have anti-dust feature?

LONGi unveiled its upgraded version of the Hi-MO X10 solar modules with anti-dust feature at an event in China. (Photo Credit: LONGi)

The power generation gain of the Hi-Mo 5 Anti-Dust solar module will vary by region and month due to factors like dust accumulation and rainfall, but LONGi's long-term outdoor testing (seen ...

LONGi showcased its latest Hi-MO X10 Anti-Dust Pro series BC module for desert-based applications This module has a nano-ceramic-coated PV glass and short-side edge frames without ...

This article digs into the role of anti-dust tech for modules. It walks through dust accumulation and its impact on PV performance. It also looks at a few key dust accumulation scenarios and details how ...

This dual-effect analysis--optical shading and thermal insulation--on commercial technologies offers practical insights on the effects of dust on solar panel efficiency. The results ...

Discover the Hi-MO X6 Max Guardian Anti-Dust Solar Panels, engineered with advanced HPBC back contact technology and TaiRay Inside cells. Featuring a unique anti-dust design, these ...

## Dust prevention for LONGi photovoltaic panels

Hi-MO X6 Guardian series (anti-dust design) patented frame and advanced sealing techniques ensure durability and load capacity.

The introduction of the Longi "anti-dust" module is a significant development in the solar industry, addressing one of the major challenges faced by solar energy producers. Dust ...

On October 8th, LONGi announced the release of the LONGi Distributed Hi-MO X6 high-efficiency anti-dust solar panel, which is the world's first anti-dust PV product.

The panel offers 640-670 W power output with 23.7-24.8% efficiency. The Hi-MO X10 series features anti-dust technology, boosting energy generation per unit area by over 10% compared to TOPCon ...

Chinese solar PV manufacturer LONGi has launched a new version of its Hi-MO X10 solar module with improved field performance attributes, based on its proprietary Hybrid Passivated Back ...

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