



Longi Solar Rooftop Power Generation





Overview

0 BIPV system integrates photovoltaic power generation system, is a set of structural integrity, in line with the architectural design requirements of high-quality roof metal maintenance system, including purlins, inner panels, thermal insulation cotton . LONGi ROOF 4. Daily generation between February 13 and 28 has exceeded projections by 8%, averaging 5,190 kWh across both rooftops. Image Source:. What is the difference between the LONGi Roof BIPV system and a traditional distributed rooftop PV system?

LONGi roof BIPV system integrates the PV power generation system with high-quality metal roofing system. 2 MW photovoltaic power plant at Longfei Wood Products Factory in Yichun, Heilongjiang Province of China, was recently connected to the grid, marking the completion of the first distributed PV power plant using LONGi's "HPBC 2. The Longfei PV plant uses LONGi's HPBC 2. 0 dual-glass. LONGi recently unveiled its upgraded BIPV roof product, called ROOF 4.



Longi Solar Rooftop Power Generation



[LONGi Energizes Its First Solar PV Installation Using New Module ...](#)

Compared to a flat rooftop installation, the ground-mounted approach delivers 25% more power generation while offering easier maintenance and lower operational costs.

[Solar panels, high output, rooftop & power plant, bifacial power](#)

Proposing high efficiency and high profitability with LONGi's Hi-MO X10 × BC technology - Next-generation solar solutions equipped with lightweight, dirt-resistant, and high-performance features.



The World's Leading Supplier of Solar PV Solutions

Back Contact (BC) Solar Technology Development White Paper At the key node of intergenerational transition of global Photovoltaic (PV) technology, the back contact (BC) cell technology is leading the new-generation PV ...

[LONGi powers 2.11 MW rooftop PV at Shanghai Semir Apparel in China](#)

Shanghai Semir Apparel Co., Ltd., a clothing manufacturer and retailer based in Minhang District, connected a 2.11 MW rooftop solar system to the grid in February 2025.



LONGi Building Integrated Photovoltaics

LONGi has a comprehensive product line of green building PV solutions and a complete supply process to provide you with professional service and full-life-cycle O& M capabilities.



longi roof

What is the difference between the LONGi Roof BIPV system and a traditional distributed rooftop PV system? LONGi roof BIPV system integrates the PV power generation system with high-quality metal roofing system.



LONGi ROOF 4.0 -LONGi

What is the difference between the LONGi Roof BIPV system and a traditional distributed rooftop PV system? What are the applications best suited for the LONGi Roof BIPV system?



LONGi Launches New Generation



BIPV Product

One of the largest solar PV manufacturers globally, LONGi has introduced a new generation of its building-integrated PV (BIPV) product based on its HPBC cell technology. It claims the product can ...



[4MW Rooftop Distributed Power Station in Fengxian District, Shanghai](#)

Solutions Large-scale Power Plant Solutions Distributed Commercial Solutions Household PV Solutions Carbon Free Power Plant BESS Solutions Global Project References Sustainability Upholding Our Purpose Fulfilling ...

LONGi Solar Panels & PV Modules

Backed by advanced technologies, LONGi solar panels feature excellent power ratings and top conversion efficiencies, and can be used across all market segments. LONGi's field-proven bifacial modules deliver ...





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