



Longi photovoltaic panels for civil use



Deye Official Store

10 years
warranty

Overview

LONGi offers four main module series, the Hi-MO 7, Hi-MO X6, Hi-MO 5, and Hi-MO 5m, but only the Hi-MO 5m Series offers panels for residential use. Bifacial solar panels are not practical for residential installations but have gained popularity in commercial. At the key node of intergenerational transition of global Photovoltaic (PV) technology, the back contact (BC) cell technology is leading the new-generation PV technology paradigm revolution, becoming the core engine to drive industry cost reduction and efficiency improvement and realize energy. LONGi Green Energy Technology is the world's largest manufacturer of monocrystalline silicon wafers and one of the top solar module producers globally. The company has been instrumental in driving down solar costs through vertical integration and technological innovation, with their Hi-MO series. The Longi Solar 455W LR4-72HPH-455M is a high-performance photovoltaic module designed for residential, commercial, and utility-scale solar installations. Known for its reliability, efficiency, and advanced engineering, this panel integrates several cutting-edge technologies to maximize energy. Additionally, LONGi was among the 10 best solar panels of 2025 according to our experts! Our list was compiled based on numerous factors, most notably the financial strength of the company, length of business, and customer reviews. It leads in terms of power generation performance, reliability, and customer benefits, while also meeting the needs of distributed market segments. It is divided into four series: Explorer, Scientist.

Article Content

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LONGi panels feature low temperature coefficients, maintaining optimal performance even in high-temperature conditions and ensuring ...

Longi Hi-Mo X10 HVB 480W All Black N-Type Monocrystalline Solar ...

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Longi Solar Panels Review

LONGi produces a wide variety of quality, cost-effective solar panels for residential, commercial and utility-scale solar installations. The current ...

Expert Review of LONGi Solar Panels

LONGi Hi-MO 5 solar panel series are rated for utility-scale applications, featuring a highly robust design with quality encapsulation. In this ...

Longi Solar 455w Lr4 72hph 455m: Technical Specifications, ...

Types and Technologies of Longi Solar 455W LR4-72HPH-455M Panels The Longi Solar 455W LR4-72HPH-455M is a high-performance photovoltaic module designed for residential, ...

LONGi Solar Panels Review (2026) | SmartEnergyUSA

LONGi Solar Panels FAQ Are LONGi solar panels good? LONGi is a mid-range-tier solar panel manufacturer headquartered in China, rated 4.3/5 by industry experts. Their panels offer up to 22.8% ...

Solar panels LONGi Solar | Solarity - distributor and wholesaler of ...

Our online shop offers business partners a wide range of LONGi Solar panels for photovoltaic power systems. If you have any questions concerning our range of products, the terms and conditions of ...

Contact Us

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