



# Why are Longi photovoltaic panels of good quality

Are LONGi Solar panels good?

I think 9.5/10 is a very fair rating for Longi solar panels. They are easily one of the most popular solar panels in the world and deserve a high score. The manufacturers have kept their promise in providing high quality solar panels, without comprising the price. I would definitely recommend Longi as a high quality solar panel for all Australians.

What makes LONGi Solar so successful?

Their success is stemmed from a desire to provide high efficiency, value-based, affordable solar panels. Back in 2007 Longi purchased Lerri Solar, one of their main competitors. Back in 2017, it was then announced that Lerri Solar were rebranding to Longi Solar giving them a leading position in the solar market.

Are LONGi Solar panels monocrystalline or polycrystalline?

Longi only makes its solar panels using monocrystalline (silicon) solar cells. Most solar manufacturers will either use monocrystalline or polycrystalline. Here's the difference between them: Polycrystalline is where the solar cells are all heated and melted together to form multiple crystals of silicon.

How many solar panels does Longi produce a year?

Their annual production capacity is reported to be 105GW for silicon wafers and 60GW for solar panels Q2 2022. LONGi owns most steps in the vertical supply chain to produce a solar panel including producing ingots, silicon wafers and solar cells.

What is the performance of LONGi Solar panels?

The conversion efficiency is up to 22.3% and output power ratings in mass production reaches 570W. The Hi-MO N was designed for applications on surfaces with high reflections, high temperature, limited land and high labour costs. LONGi solar panels come with an industry standard warranty of 10-year product and 25-year linear performance.

Do LONGi Solar panels lose power?

LONGi's solar panels lose only about 2% of their initial power rating in the first year and under 0.55% per year after that. Their solar panels keep about 85% of their original power over a 30-year period.

On top of that, they do not offer any polycrystalline module. All of their modules are monocrystalline, which means they are made of a single silicon ingot which skyrockets a solar panel's efficiency by a lot. This is an A-list solar panel, ...

1 &#0183; LONGi delivers great value, offering solar panels at prices below the industry standard. With an average cost of \$2.40 to \$2.67 per watt (compared to the industry average of \$2.82), LONGi provides an



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affordable solution for solar ...

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