

# Niger bifacial solar panels





## Overview

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What is a bifacial solar panel?

They can be thus said to be 'monofacial'. As is directly implied in the name, a bifacial solar panel is a solar module that is constructed in such a way to expose both the front and backside of the solar cells to sunlight so as to produce electricity from both sides of the panel.

Are bifacial solar modules a disruptive trend?

Bifacial modules have been around since the 1960's, however it was with the recent development of the Passivated Emitter Rear Cell technology that has significantly increased their efficiencies and expanded their potentials, that they recently became the disruptive trend in the solar module market.

Are bifacial solar panels suitable for rooftop installations?

Bifacial solar panels are not suitable for rooftop installations but may work well with residential ground-mounted solar systems. The ideal use case for bifacial solar panels is in commercial and utility-scale solar installations.

Are bifacial solar panels better than monofacial panels?

The technology behind solar panels continues to evolve and improve. Manufacturers are now able to produce bifacial panels, which feature energy-producing solar cells on both sides of the panel. With two faces capable of absorbing sunlight, bifacial solar panels can be more efficient than traditional monofacial panels – if used appropriately.



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