



WALMER ENERGY

Albania bifacial solar panels





Overview

What are bifacial solar panels?

Bifacial solar panels represent a significant evolution in the core components of solar panels, featuring photovoltaic cells on both the front and rear surfaces. Unlike traditional modules, these innovative panels utilise a transparent backsheet or glass-on-glass design that allows them to capture light from both directions.

Are bifacial solar panels available in the UK?

Currently, a handful of manufacturers offer bifacial solar panels in the UK. Below are the available models, all of which are monocrystalline. As time goes by, we're sure to see more manufacturers release their own bifacial solar panels.

What is the bifaciality factor of a solar panel?

The bifaciality factor is a crucial measure that indicates how effectively a solar panel's rear side generates energy compared to its front side. This ratio typically ranges from 60% to 90%, depending on the materials used in panel construction.

Can bifacial solar power increase power generation?

While traditional solar panels only harvest light from one side, bifacial technology transforms previously wasted reflected light into valuable energy, potentially increasing power generation by up to 30%.



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