

A-Core Container

Monocrystalline perc bifacial power generation 355w module



Overview

What is a bifacial PERC cell?

For a bifacial PERC cell, the Al back surface field is replaced by Al grid, hence render the majority of rear side transparent and attain a bifaciality of 75%-80%. The energy yield of a bifacial module can be influenced by albedo, the height of module, GCR and DHI etc. Installation height of a bifacial module is recommended to be higher than 1m.

What is a bifacial solar module?

LONGi launched its mono-PERC modules in 2016, featuring integrated PERC technology on monocrystalline silicon and low light degradation, and its cell efficiency has increased from 21% to 24.06%. Bifacial modules collect solar energy from both the front and back side of the module, increasing the total power output per module.

What is Longi 355w bifacial module?

LONGi 355w BiFacial Module: 72 Cell with 40mm frame, 300mm cables from split jbox. This is a framed bifacial panel. LONGi's PERC module won the first prize in energy yield simulation in 2017 and 2018, and the first prize in outdoor energy yield of monofacial module in 2019 conducted by TÜVRheinland.

How high should a bifacial module be installed?

The energy yield of a bifacial module can be influenced by albedo, the height of module, GCR and DHI etc. Installation height of a bifacial module is recommended to be higher than 1m. Shading from a bracket and junction box should be avoided.

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