

A-Core Container

Introduction to n-type bifacial double-glass modules



Overview

Interest in N-type bifacial modules has rapidly increased due to their ability to generate more power than conventional P-type bifacial thanks to their higher bifacial factor, lower degradation, lower temperature coefficient in addition more energy density and power class. Why are n-type bifacial modules so popular?

Interest in N-type bifacial modules has rapidly increased due to their ability to generate more power than conventional P-type bifacial thanks to their higher bifacial factor, lower degradation, lower temperature coefficient in addition more energy density and power class.

How does bifacial cell technology work?

ieldHigh Efficiency: For the glass module with bifacial cell technology, the light is caught both on the front and on the back of the module. The increased light input increases the efficiency of the module. Up to 360 Wp total power can be achieved via the active module rear (285 Wp only front / 330- 360 Wp by.

How are bifacial solar cells encapsulated?

Bifacial solar cells can be encapsulated in modules with either a glass/glass or a glass/ transparent backsheet structure.

How long does a glass-glass bifacial module last?

Besides□ glass-glass bifacial modules could provide a minimum of 30 years thanks to the better resistance to corrosion, abrasion, extreme weather, shock, and vibration that ensures N-type module safety during production, transport, installation and long-term power generation and prevents new invisible cell cracking.

How much power can a bifacial module produce?

iency of the module. Up to 360 Wp total power can be achieved via the active module rear (285 Wp only front / 330- 360 Wp by induced DegradationThe N-

type Bifacial Modules can better ensure the generating capacity of the power plant and shorten the inve.

What is the version rate of bifacial cell technology?

version rate of 22%.complementation, farming-light complementatio ieldHigh Efficiency:For the glass module with bifacial cell technology, the light is caught both on the front and on the back of the mo-dule. The increased light input increases the efi

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