

SolarInnovate Energy Solutions

182 Photovoltaic panel size



Overview

These solar cells have a cell size of 182mm x 182mm (approximately 7.2 inches). What is the production capacity of PV panels based on 182mm wafers?

In November 2020, the three manufacturers stated their combined production capacity of PV panels based on 182mm wafers would reach 54 GW in 2021.

What is the cell size of 182r?

In terms of 182R, the current size of 182R is 183.75*182mm, 185*182mm, 186*182mm and so on. For the sake of efficiency and power improvement, the cell size specifications are wildly increasing all the way. For example, Longi's rectangular wafers use the 183.75*182mm specification, JinkoSolar uses 186.8*182mm, and JA uses 185*182mm.

What is the production capacity for 182mm wafer size modules?

By the end of 2021, LONGi, Jinko and JA will each establish at least 30GW of production capacity for 182mm cells and modules. Total capacity for 182mm wafer size modules for the whole industry will be more than 100GW. The first batches of 182mm wafer size modules have been mass-produced and supplied during Q4 in 2020.

How much does a 72c-182 bifacial double-glass PV module weigh?

The 72c-182 bifacial double-glass PV module weighs about 32kg, which can be handled and installed easily by two people in almost all scenarios except for rugged mountainous regions, thus saving labour costs when compared with the current mainstream 72c-166mm wafer size module. Figure 2.

What are the parameters of 72C 182mm and 166MM wafer size modules?

Typical parameters of 72C 182mm and 166mm wafer size modules are listed here: It can be seen that the 182mm wafer size module provides an optimal solution for large-scale utility photovoltaic power stations due to its relatively reasonable size and weight. • Mass production.

What is the size of 182r?

Since then, including the “182R” and other rectangular cell module products continue to launch, more rectangular silicon cells become the industry’s focus. In terms of 182R, the current size of 182R is 183.75*182mm, 185*182mm, 186*182mm and so on.

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