

## Kongres Container

# Algeria solar bifacial modules



## Overview

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What is Algeria's 2,000 MW solar plan?

The 2,000MW plan is a photovoltaic power plant construction plan proposed by Sonelgaz, Algeria's state-owned power utility. The plan is to build 15 solar power plants in the country's 12 provinces, each with a capacity ranging from 80 to 220 MW. Most of the solar projects in this plan are constructed by Chinese companies.

Are bifacial modules the future of solar PV?

Bifacial modules have been around since the 1960's, yet it has been the development of PERC (passivated emitter rear cell) technology that has significantly increased their efficiencies and created the potential for them to be a disruptive player in the solar PV market.

What is a bifacial solar module?

Bifacial modules produce solar power from both sides of the panel. Whereas traditional opaque-backsheeted panels are monofacial, bifacial modules expose both the front and backside of the solar cells.

Who will ship Astronergy n-type solar modules to Algeria?

China International Water & Electric Corp. (CWE) and the Power Construction Corporation of China (POWERCHINA) will ship one gigawatt (GW) of Astronergy n-type TOPCon solar modules to Algeria. The 220MW Biskra project is one of the largest in the 2,000MW plan, and its construction has already started.

Where are Algeria's new solar panels made?

The new fab will be the country's fourth solar panel manufacturing facility. Condor operates a 130 MW factory in Bordj Bou Arreridj and Aurés Solaire runs a 30 MW facility in the Ain Yagout industrial area near Batna, eastern Algeria.

What is zergoun green energy doing in Algeria?

In order to meet the growing needs of the Algerian and African solar sector, Zergoun Green Energy has also created a joint venture with Greek company Elvan to set up a production plant for metal mounting structures in Ouargla to supply the Algerian, Greek and African markets.

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