

Egypt solar container outdoor power installation





Overview

Can solar power fix Egypt's energy crisis?

Egypt's first large-scale hybrid solar and battery plant has begun construction as the country looks to its abundant sunshine to help fix its energy crisis. Obelisk, located in Nagaa Hammadi, will combine 1.1 gigawatts of solar production with 200 megawatt hours of battery storage.

How many MW solar & battery storage will be built in 2026?

The project will be constructed in two phases. The first phase of 561 MW solar + 100 MW/200 MWh battery storage is targeted to reach commercial operational date (COD) in the first half of 2026 and the second phase of 564 MW solar in the second half of 2026.

Could Egypt's summer heat be a solar solution?

Whilst Egypt's summer heat increases its electricity demand, it could also offer a solution. The south of Egypt, where Scatec's new project is breaking ground is "in the magic solar belt," said Elgendy. According to the Global Solar Atlas, Egypt has the fourth-highest solar PV (photovoltaic) potential of any country.

Where does Egypt's electricity come from?

Around three quarters of Egypt's electricity comes from gas. But in recent years, as its domestic gas production fell, it became reliant on imports and rising gas prices plunged Egypt into a series of blackouts.



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[Scatec starts construction of large scale solar ...](#)

Oslo/Cairo, 05 May 2025: Scatec ASA has commenced construction of its 1.1 GW Obelisk solar and 100 MW/200 MWh battery storage project in Egypt. The energy will be sold under a USD-denominated 25-year Power ...

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[Scatec Breaks Ground on 1.1 GW Solar and ...](#)

Scatec ASA has officially commenced construction on its landmark 1.1 GW Obelisk solar power project in Egypt, which includes an integrated 100 MW/200 MWh battery energy storage system.

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[Egypt Expands Renewable Energy with Solar and Storage ...](#)

Scatec, a Norway-based renewable energy company, has signed a 25-year Power Purchase Agreement (PPA) with Egypt Aluminium. The agreement covers a 1.1-gigawatt (GW) ...

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[Work starts on \\$590m hybrid solar power project in Egypt](#)

Fully operational by 2026 Norwegian renewable energy producer Scatec has started constructing its \$590 million first hybrid solar power and battery storage project in ...

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JA Solar joins consortium building \$210 million PV module factory in Egypt

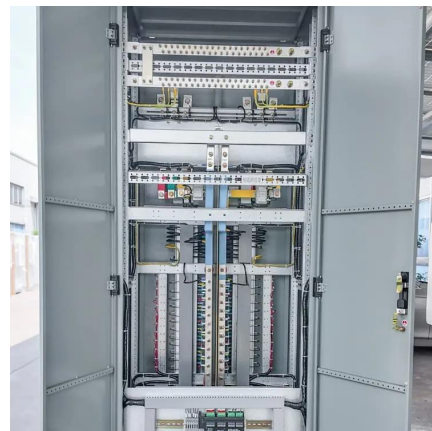
The 200 square meter facility is targeting an annual manufacturing capacity of 2 GW of solar cells and 2 GW of solar modules. The solar cell production will be 100% for export.

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Storage ...

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Scatec to build a Major Hybrid Solar plant with Battery Storage in Egypt

Earlier in December, Scatec signed shareholder agreements with Norfund and renewable energy developer EDF Power Solutions to partner on the Obelisk hybrid project in ...

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Solar and batteries could help Egypt beat its blackouts , CNN

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[Egypt Folding Solar Container Project Case](#)



The folding solar containers use bifacial TOPCon solar panels, which have high conversion efficiency. These panels make full use of Egypt's abundant solar resources and, compared to ...

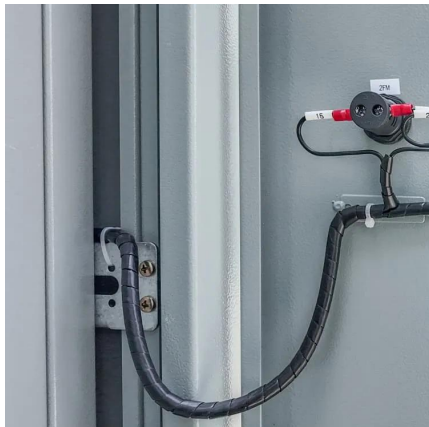
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[AMEA Power and Partners Advance Landmark Solar and ...](#)

A transformative, dispatchable clean-energy asset integrating 1,000 MW of solar PV with 600 MWh of battery storage to meet Egypt's rising electricity demand. The largest single-site ...

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