

# **60kWh Photovoltaic Container Used in Qatar Refinery**





## Overview

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Will Qatar double its solar power production capacity by 2030?

Announcing plans for the Dukhan Solar Power Plant, Qatar's energy minister Saad Sherida Al-Kaabi, also president and CEO of QatarEnergy, said: "In line with our Sustainability Strategy, we will more than double our solar power production capacity to about 4,000MW by 2030 through the world-scale, 2,000MW Dukhan Solar Power Plant."

What is Al Kharsaah solar power project?

The 800MW Al Kharsaah photovoltaic (PV) power project is Qatar's first large-scale solar power plant. The solar power project helps in reducing Qatar's reliance on gas for power generation. Credit: Kahramaa. The 800MW Al Kharsaah solar power project was inaugurated in 2022. Credit: Sungrow Power Supply Co.

What is qatarenergy's solar power portfolio?

QatarEnergy's solar power portfolio already includes the 800MW Al-Kharsaah plant inaugurated in 2022. The company is building two further projects in the Ras Laffan and Mesaieed industrial cities with a total capacity of 875MW, which are expected online before the end of this year.

Does Qatar have a solar power plant?

"Developing solar power plants is one of Qatar's most crucial initiatives to reduce CO2 emissions, develop sustainability projects and diversify electricity production, reducing carbon dioxide emissions by more than 4.7 million tons per annum." QatarEnergy's solar power portfolio already includes the 800MW Al-Kharsaah plant inaugurated in 2022.



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Renewable Energy in Qatar to Reach 18% by 2030

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Qatar Photovoltaic Market (2025-2031) , Trends, Outlook

The Qatar Photovoltaic (PV) Market is experiencing significant growth as the country embraces renewable energy to diversify its energy mix. Qatar commitment to sustainability and reducing ...

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Al Kharsaah: A Pioneering Solar Power Plant in Qatar

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List of Upcoming Solar Photovoltaic (PV) Projects in Qatar ...

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#### Hitachi Energy helps Qatar transition towards a more ...

Dec 3, 2025 · Hitachi Energy announced it has delivered its grid connection solution for Qatar's Al Kharsaah solar photovoltaic (PV) power plant - one of the world's largest and the country's ...

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