

## **PDEOZE PowerContainer**

# **Pakistan s solar module exports**



## Overview

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The solar boom continues in Pakistan, thanks to China, which has already exported 7.5 GW panels to the country between January and March 2025, up 1 GW over last year. (Photo Credit: Renewables First) In 2024, Pakistan emerged as a surprise solar market, importing 16 GW worth of Chinese solar.

Pakistan has emerged as a significant new market for Chinese photovoltaic (PV) companies, aligning with its path toward energy transformation. According to statistics from the China Photovoltaic Industry Association (CPIA), in the first half of 2024, Asia overtook Europe as the largest export.

Pakistan has achieved a significant milestone: solar power now supplies over 25% of its utility electricity, marking a rapid ascent from its position as the fifth-largest electricity source just two years ago. From January to April 2025, solar generation averaged 25.3% of electricity output, making.

Chinese solar panel imports into Pakistan in 2025 are set to exceed last year's record-breaking total, per new data from Islamabad-based think tank Renewables First. These panels have been flooding Pakistani markets in recent years as the country copes with rolling blackouts from its fossil-fuel.

ISLAMABAD, Oct 01 (Alliance News):Pakistan has emerged as a significant new market for Chinese photovoltaic (PV) companies, driving its energy transformation. In the first half of 2024, Pakistan ranked as the second-largest market for Chinese PV module exports after Europe, as reported by the China.

As of 2024, the country has emerged as a key overseas market for Chinese photovoltaic (PV) companies. Data from the China Photovoltaic Industry Association (CPIA) shows that Asia overtook Europe as the largest export destination for PV products in the first half of 2024, with Pakistan ranking as. Does Pakistan import solar panels from China?

Between 2022 and 2024, Pakistan's imports of China-made solar components jumped fivefold from around 3,500 megawatts (MW) to a record 16,600 MW, according to Ember. Pakistan's share of China's total solar module exports also rose sharply, from 2% in 2022 to nearly 7% in 2024. And that import binge has continued into 2025.

How has China impacted Pakistan's Solar Exports?

That rise of nearly 18% in imported capacity has lifted Pakistan's share of China's solar exports to new highs too, with Pakistan accounting for around 12% of all of China's solar exports so far this year. The frantic deployment of imported solar modules across Pakistan in recent years has upended the country's electricity generation mix.

What are the major developments in the production of solar energy in Pakistan?

Another major development in terms of the production of solar energy in Pakistan is that the government has decided to install solar panels that will float on the waters of some of the major canals and dams in Pakistan to bring up the level of the overall contribution of alternative energy resources to country's energy mix.

Is solar power a major source of electricity in Pakistan?

The frantic deployment of imported solar modules across Pakistan in recent years has upended the country's electricity generation mix. So far in 2025, solar is by far the single largest source of electricity, followed by natural gas, nuclear reactors, coal plants and hydro dams.

Is Pakistan a leader in solar power deployment?

Men load solar panels on a rickshaw (tuk tuk) at a market, in Karachi, Pakistan March 26, 2025. REUTERS/Akhtar Soomro Purchase Licensing Rights LITTLETON, Colorado, June 17 (Reuters) - Pakistan is rapidly emerging as a key leader in solar power deployment, and not just within emerging economies.

## Why is Pakistan's solar surge accelerating?

The chief driver of Pakistan's solar surge has been an accelerating import binge of solar capacity modules from China. Between 2022 and 2024, Pakistan's imports of China-made solar components jumped fivefold from around 3,500 megawatts (MW) to a record 16,600 MW, according to Ember.

## Pakistan's solar module exports

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Between 2022 and 2024 trade statistics show Pakistan's annual imports of Chinese-made solar panels increasing almost fivefold to 16 gigawatts. In the first nine months of 2025 it ...

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Pakistan is awash with solar panels. In August 2024, BloombergNEF revealed Pakistan had imported 13 GW of Chinese modules in the first six months of the year. One ...

Pakistan is undergoing a significant energy transformation. As of 2024, the country has emerged as a key overseas market for Chinese photovoltaic (PV) companies.

As Pakistan now accounts for about 12% of China's solar module exports in 2025, leveraging this industrial link can foster domestic assembly, maintenance training, and even ...

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Chinese solar panels exports to Pakistan are set to exceed last year's record-breaking total as Pakistanis adopt solar at a record pace to avoid rolling power blackouts and ...

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