

## ContainerPower Energy Solutions

# Solar Module Export



## Overview

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Where do solar PV exports come from?

The latest monthly solar PV export data from the world's largest exporter, China, by country or region of destination. Ember China solar export dataset provides the following information: The IEA has stated that China's solar photovoltaic exports account for 80% of the global market.

How many solar modules does China Export to Europe?

Over the last 12 months, China exported 111 GW of solar modules to Europe, the same amount as the total installed PV capacity of the United States. With a total over the last 12 months of 19 GW, Brazil is the largest single destination for China's solar module exports outside of Europe.

How many PV modules did China Export in 2023?

Separately, market research firm InfoLink has also released an analysis report based on customs data, which pointed out that from January to December 2024, China exported a total of 235.93GW of PV modules, an increase of 13% compared to 207.99GW in the same period in 2023. Comparison of Chinese PV module exports in 2023 and 2024. Source InfoLink.

How many solar panels does China Export in 2023?

Solar modules, which are fully assembled solar panels, accounted for 90% (\$23.8 bn) of China's total solar exports by value in the first half of 2023. Over the last 12 months, China exported 111 GW of solar modules to Europe, the same amount as the total installed PV capacity of the United States.

Will Saudi Arabia export solar panels from China?

Solar panel exports from China to Saudi Arabia grew more than sixfold from a low base in 2022 (0.4 GW) to reach 2.8 GW in the first half of 2023, driven by large-scale projects. Module exports from China over the last 12 months now stand at 3.6 GW, and would generate 2% of Saudi Arabia's annual electricity

demand.

Which countries import PV modules from China?

In December, China exported approximately 16.63GW of PV modules, a 9% increase compared with the 15.2GW in November. The ranking of countries importing PV modules from China was Brazil, the Netherlands, India, Saudi Arabia and Spain. The total monthly imports of these major countries accounted for about 42% of the global market.

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