



Global solar module exports



Overview

According to Volza's Global Export data, World exported 88,345 shipments of Solar Module from Nov 2023 to Oct 2024 (TTM). These exports were made by 5,693 Exporters to 6,084 Buyers, marking a growth rate of -29% compared to the preceding twelve months. China has invested over USD 50 billion in new PV supply capacity – ten times more than Europe – and created more than 300 000 manufacturing jobs across the solar PV value chain since 2011. Today, China's share in all the manufacturing stages of solar panels (such as polysilicon, ingots, wafers). The adoption of solar energy is growing rapidly worldwide, with cumulative installations amounting to more than 2. 2 terawatts as of the end of 2024. Between 2025 and 2029, global solar photovoltaic capacity additions are projected to increase yearly and range from some 655 gigawatts in 2025 to 930. Volza's Big Data technology scans over 2 billion export shipment records to identify new buyers, profitable markets, reliable suppliers, and promising products. As shipment volumes were particularly concentrated among lower-tier companies, a total of 12 companies were included in this list. The United States installed approximately 31. 3 GWac) of energy storage onto the electric grid in 2024—bringing cumulative capacity to 96.



Article Content

New paradigms of global solar supply chain

Key policies that promote local manufacturing in the U.S. and the European Union will change the paradigm of the global solar power supply chain.

InfoLink 2025 global module shipment ranking: Combined shipments ...

Based on InfoLink's market research, total shipments of ranked global module suppliers reached approximately 536 GW in 2025. As shipment volumes were particularly concentrated among ...

US tariffs, Europe slowdown reshape global solar ...

Solar panel exports from Vietnam, Malaysia, Thailand and Cambodia to the U.S. fell by 33% on an annual basis in the nine months since the first ...

Solar Module Exports from World

Globally, the top three exporters of Solar Module are China, Vietnam, and India . China leads the world in Solar Module exports with 103,827 shipments, followed by Vietnam with 95,537 shipments, and ...

Solar cell, wafer exports from China rise as panel ...

The drive in solar cell exports is led by India, Indonesia and Turkey, which together account for 75% of cell exports from China in the first six months ...

Global solar PV supply chain

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Spring 2025 Solar Industry Update

In 2024, between 554 GWdc and 602 GWdc of PV were added globally, bringing the cumulative installed capacity to 2.2 TWdc. China continued to dominate the global market, ...

Special Report on Solar PV Global Supply Chains

This special report examines solar PV supply chains from raw materials all the way to the finished product, spanning the five main segments of the manufacturing process: polysilicon, ingots, wafers, ...

2024 Monthly Solar Photovoltaic Module Shipments Report

Note: Includes both domestic shipments and exports. Monthly data for 2021- 2024 are based on a subset of the largest manufacturers representing about 90% of the previous year's total shipments.

Executive summary – Solar PV Global Supply Chains

Meeting international energy and climate goals requires the global deployment of solar PV to grow on an unprecedented scale. This in turn demands a major additional expansion in manufacturing capacity, ...

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