

# Analysis of the current situation of solar wholesalers

What is a solar market report?

With comprehensive historical market data, 5-year forecasts for the key global markets, as well as analysis of the segmentation between rooftop and ground-mounted systems, this report is an indispensable tool for the solar industry and energy stakeholders alike.

Why is the solar PV industry struggling?

Marius Mordal Bakke, a senior supply chain analyst at Rystad Energy, emphasized his concerns about the declining prices of solar PV modules in the market and the challenges associated with destocking older modules, which were procured at higher costs. He underscored the necessity for the industry to adapt to shifting market dynamics.

Are solar PVs a supply chain problem?

Although produced globally, and partly controlled by China, the supply chain components of the solar PVs face some supply chain issues as shown in the figure.

Is the photovoltaic industry poised for a transformation in 2023?

According to Zhang Sen, the industry is poised for a transformation due to the recurrent issue of oversupply. In 2023, prominent photovoltaic companies, including LONGi Solar, JA Solar, Jinko Solar, Trina Solar, and Tongwei, have unveiled their plans for expanding production.

What challenges will the solar industry face in the near future?

These are all challenges that the solar industry will be facing in the near future. Thin-film PVs will be severely hit since most of their materials are under supply risk due to their scarcity on the earth's crust, and the full dependency on these raw materials from China. 5.1. Political issues and quotas applied by China

How did China control the global solar market?

The increased installed capacity, the heavy manufacturing, and the availability of materials on its domestic land allowed China to control the global solar market by imposing quotas and restrictions on importing countries. We have shown that China alone installed more than 50 % of the total Asian solar capacity in the span of 25 years.

Solar PV Supply Chain Market Size, Trends and Insights By Type (Solar Polysilicon, Ingot and Wafer, Solar Cell, Solar Module), By Application (Utility Scale, C& I, Residential), and By Region - Global Industry Overview, Statistical ...

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A situation analysis is a process that helps you identify opportunities and challenges, both internal and external, to your organization, service, or product. You can also use it to define the scope of a problem. ...

Rystad Energy analysts have recently expressed apprehensions regarding a substantial surplus of unsold solar PV modules stockpiled within European warehouses. They noted that, in the first eight months of 2023, Europe imported approximately 78 GW of solar modules, a figure already surpassing the anticipated installations for the entire year ...

Global solar PV manufacturing capacity has increasingly moved from Europe, Japan and the United States to China over the last decade. 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.

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Solar wholesalers are in a problematic situation again due to very expensive stock and slumping prices. An analysis and outlook from our guest author Gerard Scheper, CEO of European Solar. At the end of 2022, ...

The objective of this research is to present a state-of-the-art of the current situation of thin-film solar PVs in the global solar market. As such, there are several articles that tackle solar PVs in general, but only a few focus on thin films because of their low market share. It is also believed that those thin film PVs will not survive longer because of their heavy ...

Analysts estimate 2023 global installations reached around 440 GWdc, an 89% increase over 2022 installations, bringing cumulative global capacity to approximately 1.6 TWdc. A significant portion of the increase came from China, which deployed around 250 GWdc of solar.

Data and insights from EnergyBin, a wholesale remarketing exchange for PV hardware, are presented to bolster this market analysis. As PV modules are the central ...

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The EU Market Outlook for Solar Power 2024-2028 is SolarPower Europe's comprehensive annual report that outlines the current status and forecasts the trajectory of the solar power ...

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Solar energy is the most common, cheapest, and most mature renewable energy technology. With solar photovoltaics taking over recently, an in-depth look into their supply chain shows a surprising dependency on the Chinese market from the raw materials to ...

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