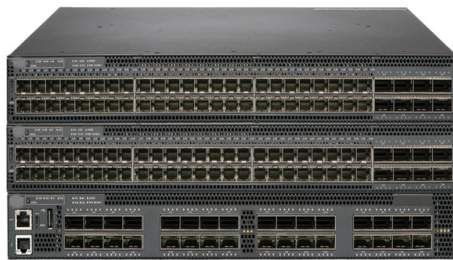


Photovoltaic power module shipments



Overview

The top 10 solar photovoltaic (PV) module makers globally shipped a record 500 GW of modules in 2024, nearly doubling the volume from the previous year, according to a report from Wood Mackenzie. This week sees the publication of the annual ITRPV report, compiled by German engineering association. 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. 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. In calendar year 2023, global PV shipments were approximately 564. Compared with the previous year, the total shipment volume of the top ten manufacturers in 2023 was 413 GW, while that of 2024 reached 502 GW. Despite a 22% annual growth rate, sluggish demand and oversupply in 2024 have hindered the momentum for significant annual growth. 9 GW, followed by LONGi, JA Solar, and Trina — the new "F4" giants.



Article Content

Aug 20, 2025

Executive summary – Solar PV Global Supply Chains

Solar PV Global Supply Chains - Analysis and key findings. A report by the International Energy Agency.

Jan 24, 2026

Major PV manufacturers by module shipments 2024

Shipment volume of PV modules Japan Q4 2024, by application Quarterly shipments of miscellaneous power generation PV modules Japan FY 2020-2024

Apr 28, 2026

2024 Monthly Solar Photovoltaic Module Shipments Report

The U.S. Energy Information Administration (EIA), the statistical and analytical agency within the U.S. Department of Energy (DOE), prepared this report. By law, our data, analyses, and forecasts are

Nov 06, 2025

Executive summary – Solar PV Global Supply Chains

Today, China's share in all the manufacturing stages of solar panels (such as polysilicon, ingots, wafers, cells and modules) exceeds 80%. This is more than

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Global solar PV supply chain

Global module production output of leading solar PV manufacturers 2023 Global solar PV inverter market share based on shipments 2022, by company

Feb 05, 2026

Shipment Ranking|one|Solarbe Global

Explore the top PV module suppliers based on shipment volume from 2022 onwards. Discover the leading players shaping the solar industry landscape.

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Global Module Shipments of 20+ Major Chinese Solar

PVTIME – The year 2024 is poised to be a transformative year for the global photovoltaic industry, characterised by substantial innovation and

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Global solar module shipments hit 703 GW in 2024

Now in its 16 th edition, the report takes an in-depth at technology trends across the supply chain for silicon PV products. VDMA calculates PV

Feb 11, 2026

Top 10 Global Shipments of Solar Modules in the First

Risen Energy, DAS Solar and Yingli Solar are in the race for 9th to 10th place with shipments of 14GW to 15GW in the first three quarters of 2024.

Dec 17, 2025

PHOTOVOLTAIC MODULES AND INVERTERS

As per the International Energy Agency (IEA), new solar capacity added between now and 2030 will account for 80% of the growth in renewable power globally. In calendar year 2023, global

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Global solar PV supply chain

Discover all statistics and data on Global solar PV supply chain now on statista !

May 11, 2026

Top 10 solar makers boost shipments to 500 GW in

The top 10 solar photovoltaic (PV) module makers globally shipped a record 500 GW of modules in 2024, nearly doubling the volume from the previous

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US Monthly Solar PV Module Shipments Report

This report was prepared by the U.S. Energy Information Administration (EIA), the statistical and analytical agency within the U.S. Department of Energy. This is a monthly update on

Aug 21, 2025

Global module shipment ranking 2023: Shipment posts 78% YoY growth

Shipment volumes of the list of manufacturers increased significantly, up by 78% YoY. There is a clear distinction among module makers, with top-ranked companies remained the same

Dec 25, 2025

Solar panel shipments set a record high in 2022 as

We use peak kilowatts as the unit of measurement in our solar photovoltaic module shipment reports. Peak watts are a manufacturer's unit

May 20, 2026

Outlook For The Top 10 Photovoltaic Module Shipments

Both companies have anchored 50GW module shipments for the whole year. To achieve the goal, Tongwei's module shipments in the fourth

Oct 25, 2025

U.S. solar photovoltaic module shipments up 33% in

Despite the global COVID-19 pandemic, U.S shipments of solar photovoltaic (PV) modules (also referred to as solar panels) reached a record

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Module shipment ranking 2022: Top 10 manufacturers shipped 240

In 2022, the top 10 Chinese manufacturers have shipped over 240 GW modules globally, up 60% and occupying over 90% of global demand, according to the annual ...

Jun 23, 2026

PV Module Shipment Ranking in 1H 2024 | RTS

The top 10 PV module manufacturers shipped a total of 226 GW, with the leading four companies contributing to 63% of this volume, highlighting a

Aug 14, 2025

InfoLink's 2024 global module shipment ranking: significant gap

According to InfoLink's statistics for 2024, the top ten shipped around 502 GW of modules, up 22% YoY, showing that the annual growth rate has begun to narrow, as previously

May 30, 2026

Global solar module shipments hit 703 GW in 2024

VDMA calculates PV module shipments in 2024 at 703 GW, with average prices having dropped by 33% compared to the end of 2023. The report also reveals that crystalline silicon PV

Oct 27, 2025

Top PV module suppliers by shipment volume in Q1, 2024

Qn-Solar: As a rising star in the n-type market, Qn-Solar forecasts 80%+ n-type module shipments. The company boasts 11 GW n-type cell, 17 GW

Mar 22, 2026

Infolink releases global ranking of photovoltaic (PV)

Infolink Consulting has released the global photovoltaic module supply ranking for the first half of 2024. In a survey of manufacturers, changes were

Dec 31, 2025

2024 Global PV Module Shipments: The Rise of the "F4"

Explore the top 10 global PV module suppliers of 2024. JinkoSolar leads with 92.9 GW, followed by LONGi, JA Solar, and Trina — the new "F4" giants.

Nov 24, 2025

2023 Top 20 Global Photovoltaic Module Manufacturers

The revenue of the top 20 module manufacturers exceeded 520 billion yuan and the shipments exceeded 290 GW in 2022. The module

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