



Latest ranking of photovoltaic panels by the Ministry of Industry and Information Technology



Overview

China remained the dominant market, installing between 309 GW and 357 GW and accounting for nearly 60% of all new installations. The European Union followed with 66 GW, led by Germany (17. India made 1,08,494 GWh of solar power, more than Japan's 96,459 GWh, and became the world's third-biggest solar energy producer. Introduction just a decade ago, India's solar landscape was in its infancy. For a 2025 snapshot, this page uses the latest fully consolidated year of PV module production (2024) and treats it as the best proxy for the 2025 manufacturing landscape. In the latest consolidated data, global PV module production reached 726 GW and manufacturing capacity reached 1,405 GW/year. China's Ministry of Industry and Information Technology (MIIT) says the country's PV industry recorded significant production increases in the first half of 2024, while Trina Solar has announced a new research collaboration with Singapore's Institute of Materials Research and Engineering (IMRE). Global solar photovoltaic capacity has grown from around 40 gigawatts in 2010 to approximately 2. Only in that last year. According to the International Energy Agency Snapshot 2024, China alone accounted for over 60% of new global photovoltaic capacity in 2023, with the top 10 countries collectively representing a significant majority of the market. 6 TW in 2023, with over 600 GW of new PV systems commissioned. This marks another record year for PV deployment, despite continued overcapacity in manufacturing and falling module prices that placed pressure on the entire.

Article Content

Press Note Details: Press Information Bureau

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Chinese PV Industry Brief: Nationwide solar production ...

China's MIIT has reported substantial growth in the country's photovoltaic (PV) industry for the first half of 2024.

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Snapshot 2025

In 2024, global cumulative PV capacity reached over 2.2 TW, with China alone surpassing 1 TW. At least 554 GW of new PV systems were commissioned in ...

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Solar Energy Corporation of India Limited (SECI) is a Schedule-A CPSE under the Ministry of New and Renewable Energy (MNRE) for ...

2025 solar ranking | Wood Mackenzie

According to Wood Mackenzie's report, China continues to dominate the solar module manufacturing landscape in terms of scale, but emerging ...

Solar PV

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For more information, pricing, or custom solutions, please contact us:

Website: <https://www.proton-engineering.eu>

Email: info@proton-engineering.eu

Phone: +1 832 471 8952

Address: 12345 Lake City Way, Suite 200, Houston, TX 77001, USA

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