

How much solar capacity did the world add in 2025?

In the first six months of 2025, the world added 380 GW of new solar capacity -- 64% higher than during the same period in 2024, when 232 GW were installed. In 2024, it took until September for global solar capacity additions to surpass 350 GW, while in 2025, the milestone was reached in June.

Which country has the most solar PV installations in 2025?

Global solar PV installations experienced significant growth in the first half of 2025, with the total reaching 380 GW DC, a remarkable increase of 64% compared to the previous year. China dominated the market, contributing 67% of the total installations with 256 GW DC, while India and the US followed with 24 GW and 21 GW, respectively.

What happened to solar power in 2025?

The IEA-PVPS 2025 Snapshot of Global PV Markets reveals a pivotal moment for solar power: global PV capacity surpassed 2.2 TW, with more than 600 GW installed in 2024 alone. As module prices fell due to oversupply, installation volumes continued to grow, highlighting both the strength and volatility of the global PV industry.

Will the global solar PV market grow in 2025?

Despite these headwinds, the global solar PV market is still expected to grow by 10% in 2025, reaching 655 GW under the Medium Scenario (see Fig. 4). This would mark a continuation of the deceleration trend following the extraordinary 85% growth in 2023 and the more moderate 33% in 2024.

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Global solar PV growth expected to slow to 10% in 2025, reaching 655 GW new installations 2025 will mark a pivotal year for the global PV industry. Structural solar growth continues ...

World installed 380 GW of new solar capacity in first six months of 2025 Global solar installations are on track for another record year. In the first six months of 2025, the world added 380 ...

o Margins for the leading PV wafer, cell, and module manufacturers continued to decline through Q1 2025, due to record-low pricing. o The United States manufactured approximately 12.0 ...

Renewables 2025 - Analysis and key findings. A report by the International Energy Agency.

3. Market segment outlooks 3.1. Residential PV 1,088 MWdc installed in Q3 2025 Down 4% from Q3 2024 Down 4% from Q2 2025 The OBBBA tax credit rush has not yet translated to ...

The number of countries installing 1 GWp per year or more has increased to 36. After the 2022 price spike for solar photovoltaic hardware and battery storage, prices in both markets continued to ...

In the first half of 2025, the country installed more than twice as much solar capacity as the rest of the world combined, accounting for 67% of global additions.

In 2024, global photovoltaic capacity rose to more than 2.2 TW, up from 1.6 TW in 2023, with over 600 GW of new PV systems commissioned. This marks another record year for PV deployment, despite ...

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