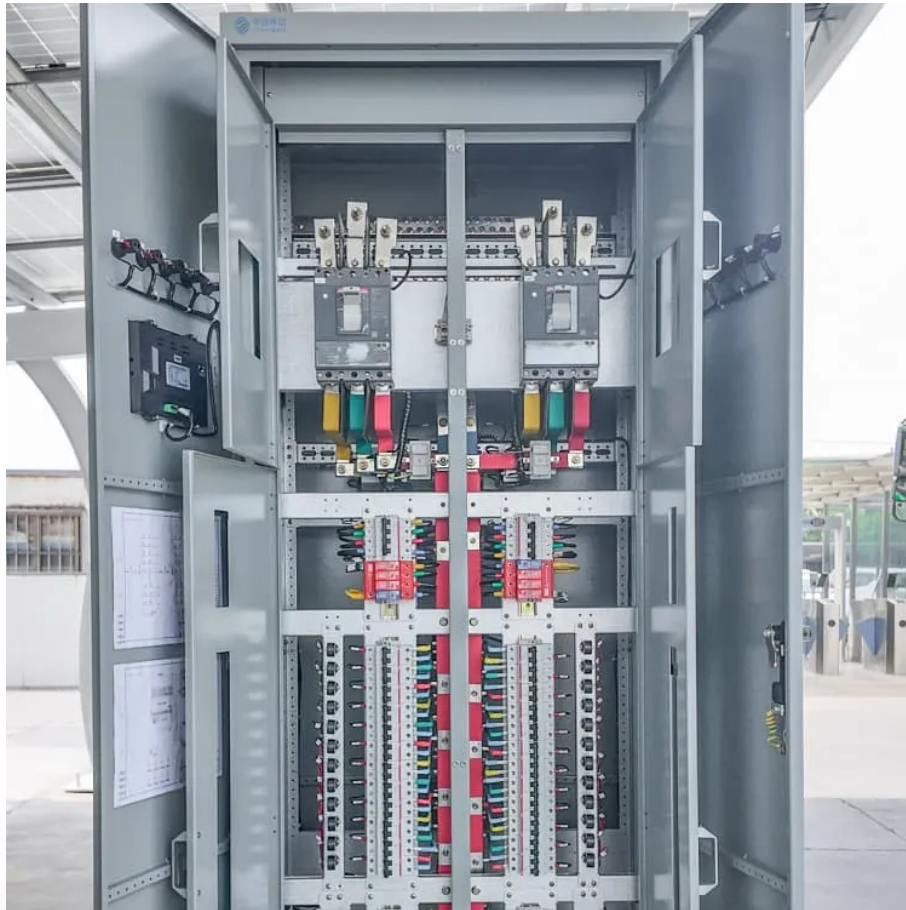


Kongres Container

Solar panel solar demand in 2025



Overview

Power demand will continue to rise across regions due to the proliferation of data centres and growing electrification trends. But could policy uncertainty, protectionist measures and interconnection and transmission bottlenecks halt the annual growth trend of solar buildout?

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The US solar industry installed 7.5 gigawatts direct current (GW dc) of capacity in Q2 2025, a 24% decline from Q2 2024 and a 28% decrease since Q1 2025. Solar accounted for 56% of all new electricity-generating capacity added to the US grid in the first half of 2025, with a total of 18 GW.

Discover the transformative landscape of the solar sector with our latest insights on the "major changes in solar industry 2025." The solar industry is on the brink of transformative changes as we approach 2025. With technological advancements, policy shifts, and market dynamics evolving rapidly.

Last year was a record-shattering year for solar energy industry growth, with 32.4 gigawatts of new electricity-generating capacity in 2023. According to the Solar Energy Industries Association, solar power accounted for 53% of all new electricity-generating capacity added to the US grid in 2023.

Demand growth is a rising tide that lifts all boats, and it especially lifted renewable ones in 2024. Renewables were already buoyed by record public and private investment in, and demand for, clean energy that set the stage for continued growth in 2024. 1 Utility-scale solar and wind capacity.

After years of exponential growth in global solar buildout could policy

uncertainty, protectionist measures and interconnection and transmission bottlenecks halt that trend in 2025?

Read our view of the key themes for the year ahead. Will 2025 be the year of rationalisation?

The global solar market.

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