



India imports solar generators





Overview

57 lakh solar photovoltaic (PV) modules worth USD 1,696.77 million from China during the financial year 2024-25, according to data presented in the Lok Sabha. The country's manufacturing capacity stood at around 100 GW as per the Approved List of Models and Manufacturers (ALMM) issued on August 13, 2025. The ministry said these steps are intended to reduce import dependence and strengthen domestic solar manufacturing capacity. The Visakhapatnam port in India Image: eclicks_by_bunny, Wikimedia Commons, CC BY-SA 4.0. 6 billion in FY 2024-25, primarily from China. While India imports large volumes of solar cells and modules, the country is simultaneously emerging as a major. In 2023-24, 62.



India imports solar generators



[India needs solar equipment imports worth \\$30 bn annually: GTRI](#)

To realise its ambitious goal of installing 500 GW of renewable energy capacity by 2030, India may require solar equipment imports worth around \$30 billion annually due to heavy reliance ...

[India imports over 350 lakh solar modules from China in FY25 despite](#)

India imported 352.57 lakh solar photovoltaic (PV) modules worth USD 1,696.77 million from China during the financial year 2024-25, according to data presented in the Lok Sabha.



Solar powered generator Imports in India

India imports most of its Solar powered generator from China, Germany and Italy and is the largest importer of Solar powered generator in the World. The top 3 importers of Solar powered ...

[India's solar equipment imports may surge to \\$30 billion by 2030](#)

In order to meet the target of 500 GW of installed electricity capacity from non-fossil fuel sources by 2030 as promised at COP26, India would need to add 65-70 GW of solar power capacity ...



India-US Trade Deal

The United States (US)-India trade deal lowers tariffs on Indian goods to 18 percent, raising hopes that Indian solar module manufacturers will see an upside from the US market, finally. Keep in ...

[Solar Pv Manufacturing India: Opportunities & Trends 2026](#)

Solar Pv manufacturing India industry has reached a decisive stage. The opportunity is no longer driven by future policy promises or aspirational capacity announcements, but by hard market ...



[Solar Import India: Current Trade Landscape Overview](#)

Two main products drive solar India imports -- solar PV modules (finished panels) and solar cells (to be assembled into panels). Recent government and market actions have already ...

[U.S.-India trade deal reduces solar tariffs](#)



Tariff reductions under the new U.S.-India trade agreement lower import costs for solar modules and energy storage components. Reciprocal tariffs were effectively reduced from 50% to 18%.



[Renewable Energy: How international collaboration is accelerating ...](#)

Explore how international collaboration is accelerating India's solar manufacturing and green hydrogen push, positioning the country as a global clean energy hub.

[India's Solar Trade Soars: Exports Up 26%, Imports Surge 80%](#)

Why did India's solar imports surge in Q1 2025? Imports increased by 80.2% as developers rushed to complete projects before stricter domestic content requirements under ALMM ...





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