



MODERNIZATION SOLAR

Top three solar cell module brands





Overview

In 2024, the global solar module market continued to see the strongest players thrive, with the top four enterprises — JinkoSolar, LONGi, Trina Solar and JA Solar — collectively shipping over 320GW and dominating the industry. Who are the top 20 global photovoltaic module manufacturers?

During the conference, PVBL announced its annual ranking of the top 20 global photovoltaic module manufacturers. In 2024, the global solar module market continued to see the strongest players thrive, with the top four enterprises — JinkoSolar, LONGi, Trina Solar and JA Solar — collectively shipping over 320GW and dominating the industry.

What are the best solar modules?

Top performers: Aptos Solar, Astronergy, ES Foundry, Gstar, JA Solar, Longi Solar, Runergy, Silfab Solar, SolarSpace, Trina Solar, and Yingli Solar. This test exposes modules to 1,000 cycles of +1,000 pascal and -1,000 pascal loads at a frequency of three to seven cycles per minute.

Which manufacturers ship N-type solar modules?

N-type modules accounted for the majority of shipments from several top-tier manufacturers. Jinko Solar, the top global shipper, reported that over 87% of its 2024 shipments were N-type. However, TOPCon remained the leading advanced technology, with average conversion efficiencies exceeding 24%.

What are the different types of solar power stations?

These categories include, but are not limited to, the following: Top PV Power Station Investor, Top Power Station EPC, Top Module, Top Solar Cell and Top Inverter.



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2025 solar ranking , Wood Mackenzie

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Top PV module suppliers by shipment volume ...

May 8, 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 ...



Top solar photovoltaic module companies in 2023 , Solar Now

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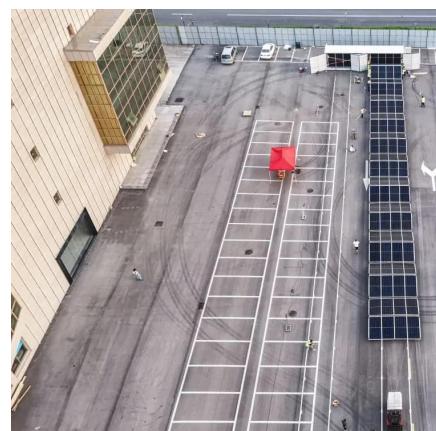


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