



Which companies sell photovoltaic modules

Article Overview

Leading manufacturers of photovoltaic modules include JinkoSolar, LONGi, Trina Solar, JA Solar, Tongwei, CHINT, and Canadian Solar, among others.

Top Global Manufacturers

The largest PV module manufacturers in 2025 are dominated by Chinese companies, which collectively account for the majority of global shipments:

- o JinkoSolar: Leading the market with over 90 GW shipped, specializing in TOPCon modules and high-efficiency technologies .
- o LONGi: Focused on high-efficiency back-contact (BC) technology, shipping over 82 GW .
- o Trina Solar: Shipped more than 70 GW, investing heavily in R&D to enhance module performance .
- o JA Solar: Also exceeding 70 GW in shipments, with strong global expansion .
- o Tongwei: Vertically integrated, shipping 45.71 GW .
- o CHINT (Astronergy): Shipped 40.20 GW, leveraging integrated supply chains .
- o Canadian Solar: Focused on high-margin markets, shipping 31.10 GW . Other notable manufacturers include GCL SI, DAS Solar, Yingli Energy, Aiko Solar, Jingyou, and Hoshine Silicon, which occupy smaller but specialized market segments .

Market Characteristics

- o Vertical Integration: Companies with fully integrated production lines--from silicon feedstock to cells and modules--tend to ensure stable production and on-time delivery .
- o Technological Innovation: Emerging technologies like TOPCon, HJT, and IBC are being adopted to improve module efficiency and long-term performance .
- o Global Presence: Most top manufacturers have international operations, supplying modules to Europe, North America, and Asia .

Regional Insights

- o China and Taiwan: Produce the majority of PV modules, accounting for over 68% of global demand .
- o United States and Canada: Contribute around 6% of global module production .
- o Europe: Manufactures a smaller share, roughly 4% of global PV modules .

Summary



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For anyone looking to purchase photovoltaic modules, JinkoSolar, LONGi, Trina Solar, JA Solar, Tongwei, CHINT, and Canadian Solar represent the most reliable and high-volume suppliers globally. Smaller manufacturers like GCL SI, DAS Solar, and Yingli Energy may be suitable for niche applications or specialized projects. When selecting a manufacturer, consider production stability, technological capability, and delivery reliability to ensure long-term performance and project success .

Core Data Insights The photovoltaic module industry is currently in a period of deep adjustment. Overall, the
Matthew

In the first quarter of 2026, BloombergNEF (BNEF) published its official update of the Tier 1 solar module manufacturers list, a global

Module production capacity reached 460 GW with crystalline silicon technology assembly accounting for 98%. Photovoltaics

A photovoltaic system employs solar modules, each comprising a number of solar cells, which generate electrical power. PV

During the conference, PVBL announced its annual ranking of the top 20 global photovoltaic module manufacturers. In

Meyer Burger, Solarwatt und Heckert Solar zählen zu den führen den deutschen Herstellern. Bei der Modulauswahl sind Leistung,

Führen de deutsche Solarhersteller im Überblick. Solarwatt überzeugt mit Ingenieurskunst, Qualität und

Sunrise, as one of the best solar products suppliers and manufacturers, sells solar energy products in China, and Sunrise is looking

11. Talesun Solar Pic Credit: Talesun Solar Talesun Solar is among the top 20 solar panel

The Chinese company also owns 11 manufacturing bases in China, Thailand, and Türkiye, and has sales offices on

ENF Solar is the top source of photovoltaic information connecting solar suppliers and customers. We list

Finlay Colville, head of market research at PV Tech, reveals the top ten PV module

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On the first day of the conference, PVBL's annual ranking of the Top 20 Global Photovoltaic

According to Wood Mackenzie, the top 10 photovoltaic module producers now have enough combined capacity to

Companies like Jingyou and Hoshine Silicon have seen their operational rates fall to single digits, with very low

The world's largest solar photovoltaic cell manufacturers, their market dominance, technological advancements, and

Web: <https://www.morwarreconst.co.za>

