

# China's photovoltaic energy storage module prices





## Overview

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How much does a PV module cost in China?

According to price analysis firm InfoLink: “Since March, the spot price of n-type modules in China has soared from RMB0.7/W to RMB0.73/W. Quotes from leading manufacturers are approaching the RMB0.75/W mark.” The results of the China Datang Group’s 2025-2026 PV module framework. Image: Datang.

How much does photovoltaic cost in China?

The data is categorized under China Premium Database’s Energy Sector – Table CN.RBN: Photovoltaic: Price. CN: Price: Photovoltaic Module: 182 Single Crystal data was reported at 0.660 RMB/W in Apr 2025. This records an increase from the previous number of 0.650 RMB/W for Mar 2025.

How much do Topcon solar modules cost in China?

The current tradable indications for TOPCon modules are being reported at \$0.10 per watt Free-on-Board (FOB) China. As the market struggles with low demand, these new record low prices highlight the ongoing challenges faced by Chinese solar module makers.

How much does photovoltaic module: polycrystal cost?

CN: Price: Photovoltaic Module: Polycrystal data was reported at 1.450 RMB/W in Aug 2024. This stayed constant from the previous number of 1.450 RMB/W for Jul 2024. CN: Price: Photovoltaic Module: Polycrystal data is updated monthly, averaging 1.637 RMB/W from May 2021 (Median) to Aug 2024, with 40 observations.

What is the operating rate of Integrated Module sellers in China?

According to the Silicon Industry of China Nonferrous Metals Industry Association, integrated module sellers maintained operating rates ranging from 60% to 80%. June estimates indicated a module production capacity of 50 GW, slightly lower than the previously expected 52 GW and down by 5 GW



from May figures.

Why is distributed PV a major contributor to China's growth?

Distributed PV is expected to be a major contributor due to quick installation timelines. In the first quarter of 2025, China added 59.7 GW of PV, a 31% year-on-year increase. This included 23.4 GW of capacity from utility-scale solar projects, up 7% year on year, and 36.3 GW from distributed PV, up 52% on the previous year.



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In the context of China's new power system, various regions have implemented policies mandating the integration of new energy sources with ...

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### [National Survey Report of PV Power Applications in China](#)

Since 2016, China started to explore competitive method to decide renewable energy project developers and power price, and implemented bidding for PV "leading runner" technology ...

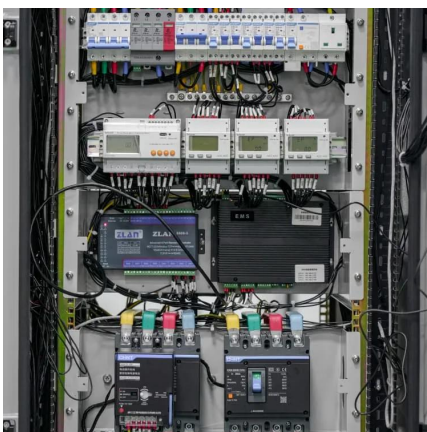
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## Market dynamics, innovation, and transition in China's solar

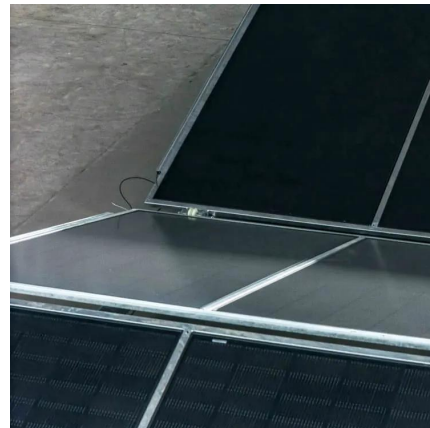
China's photovoltaic (PV) industry has undergone dramatic development in recent years and is now the global market leader in terms of newly added capacity. However, market ...

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## Quarterly Solar Industry Update

Each quarter, the National Renewable Energy Laboratory conducts the Quarterly Solar Industry Update, a presentation of technical ...

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By contrast, prices for energy storage and wind turbines in China continue to decline due to oversupply, currently standing at less than half the ...

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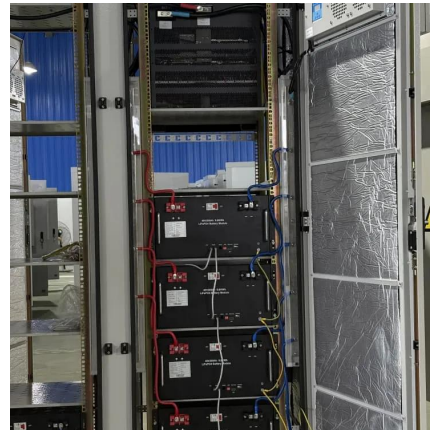




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China's latest tender results show the spot price of n-type modules increasing from RMB0.7/W to as much as RMB0.75/W.

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## [China Module Prices Decline Amid Weak Demand and](#)

Looking ahead in the Free-on-Board (FOB) China market, prevailing bearish conditions are expected to prevent any immediate price increases in modules. However, ...

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## **Price divergence across the chain; module prices stall on weak ...**

2 days ago· Module prices in China In the first week of September, demand becomes slightly weaker compared with August, with most module deliveries still tied to earlier orders.

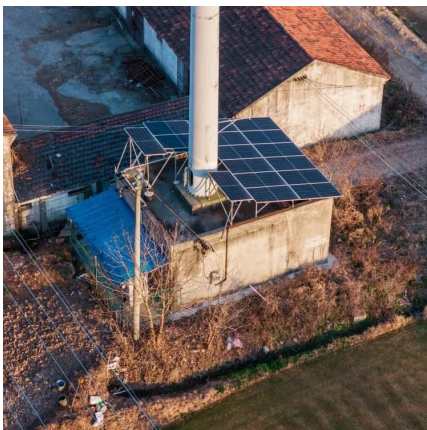
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## China solar module prices dive

The Chinese Module Marker (CMM), OPIS' benchmark assessment for modules from China, declined for a second week running to \$0.198 per W as dramatic downslides in the ...

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## Chinese PV Industry Brief: Polysilicon, solar module prices ...

Module and cell prices also declined, with modules posting the steepest losses. Some modules are now trading below CNY 0.70 per watt, with prices as low as CNY 0.68.

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China's cut-price solar modules could come in for similar treatment. America has levied anti-dumping duties on Chinese solar manufacturers since 2012. Although the EU ...

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China's latest tender results show the spot price of n-type modules increasing from RMB0.7/W to as much as RMB0.75/W.

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## **China's Photovoltaic Module Market Price Differentiation Intensifies**

Module prices may reach a peak in May, and the average price of distributed projects is expected to hit CNY 0.85/W, but we need to be vigilant about the risk of project ...

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## China's FIT Policy End To Push Up Prices Across PV Value Chain

China recently announced its decision to transition its renewable energy sector from an FIT-based to a market-based pricing mechanism from June 1, 2025.

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## [Import tariffs cause U.S. module prices to rise 286 percent](#)

Since October 10, 2012, the U.S. Department of Commerce under then-President Barack Obama has imposed import tariffs on all solar modules containing key components ...

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### [China Module Prices Decline Amid Weak Demand ...](#)

Prices for Chinese solar modules have reached record lows, according to the latest data from OPIS. The benchmark assessment for ...

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### **European solar module price rise heralds 'new pricing balance'**

PV module prices in Europe have risen after months of decline, driven by price increases from Chinese manufacturers and a tight supply of popular modules.

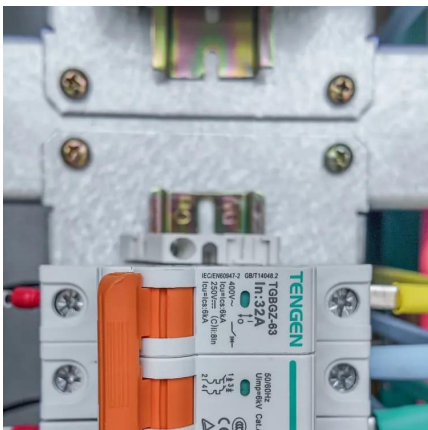
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## China's export tax changes to drive up PV module and battery costs

The Chinese government has announced changes to its export tax rebate policy, effective December 1. These adjustments are expected to raise the prices of Chinese ...

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## Shanghai Electric Wins 350MW PV Module Bid at RMB 0.625/W: ...

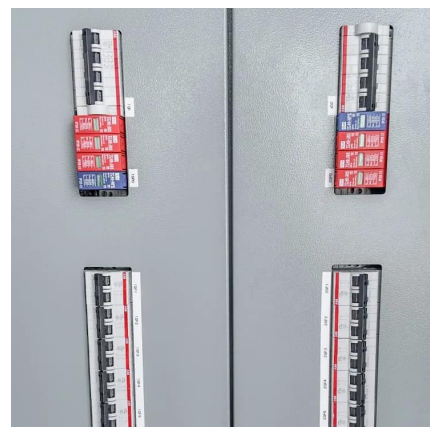
From the bid price of RMB 0.625/W, it is lower than the integrated module cost of RMB 0.692/W published by the China Photovoltaic Industry Association in December, ...

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Looking ahead in the Free-on-Board (FOB) China market, prevailing bearish conditions are expected to prevent any immediate price increases in ...

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