

# **Photovoltaic cell module exports**





## Overview

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Is India a net importer or exporter of photovoltaic (PV) products?

India is making significant progress in transitioning from a net importer to a net exporter of photovoltaic (PV) products. In Fiscal Year (FY) 2024, Indian PV manufacturers exported approximately US\$2 billion worth of PV modules. The export value of PV modules from India increased by more than 23 times in just two years between FY2022 and FY2024.

Does India export photovoltaic modules?

The export of Indian photovoltaic (PV) modules has risen exponentially by more than 23 times between Fiscal Year (FY) 2022 and FY2024, primarily to the US, which accounted for more than 97% of India's exports in both FY2023 and FY2024.

Which countries import PV modules?

The total for all types of PV modules is provided. Table 7. Information in Table 7 covering imports has been consolidated into four categories: China, Singapore, Taiwan & Vietnam; Malaysia; South Korea, Thailand, and United Arab Emirates; and All Others and Unknown. All Others and Unknown includes data from annual and monthly respondents.

Can data be published for different types of PV cells & modules?

Data can no longer be published for the specific types of PV cells and modules, or by region. Table changes: Table 1. Not published for 2022. Table 2. Unchanged, includes data from annual and monthly respondents. Table 3. Unchanged, includes data from annual and monthly respondents. Table 4.

What data is included in the photovoltaic industry report?

This report includes summary data for the photovoltaic industry from annual and monthly respondents. Data include manufacturing, imports, and exports of modules in the United States and its territories. Summary data include



volumes in peak kilowatts and average prices.

How many units are in a photovoltaic cell?

CN: Export: Quantity: Photovoltaic cells: Not assembled in modules or Made up into panels data is updated monthly, averaging 432,303.113 Unit th from Jan 2022 (Median) to Feb 2025, with 38 observations. The data reached an all-time high of 915,033.768 Unit th in Jan 2025 and a record low of 192,577.121 Unit th in Jan 2022.



## Photovoltaic cell module exports

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### [India's Solar Cell and Module Imports Drop Sharply in ...](#)

Solar cell and module exports totaled \$1.1 billion (~INR94 billion) in the first half (1H) of 2024, a 19.9% year-over-year (YoY) increase. This marks ...

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### **Analysis of countries exporting Chinese photovoltaic energy ...**

According to PV InfoLink statistics, China's total exports of modules in 2021 reached 88.8 GW, a year-on-year growth of 35.3%. The main sources of growth are still major ...



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### **India has potential to lead solar PV exports to US, says IEEFA/JMK**

Between fiscal years 2022 and 2024, India increased its import of solar modules 23-fold, primarily to the US, says IEEFA and JMK Research.

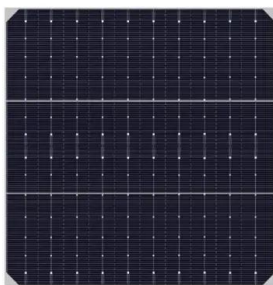
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### [Annual Solar Photovoltaic Module Shipments Report](#)

This report includes summary data for the photovoltaic industry from annual and monthly respondents. Data include manufacturing, imports, and exports of modules in the ...



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### **STATUS OF PV EXPORTS**

Imposition of Basic Customs Duty on import of solar PV cells & modules: The Government has imposed Basic Customs Duty (BCD) on import of solar PV cells and modules, with effect from ...

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### [Indian solar PV exports surging , IEEFA](#)

The export value of PV modules from India increased by more than 23 times in just two years between FY2022 and FY2024. Several factors have contributed to this rapid ...

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### **India's Imports Of Solar Cells And Modules Declined By 20% And ...**

India's solar cell and module imports dropped by 20% and 57%, respectively, in the first 8 months of 2024-25, according to a recent report.

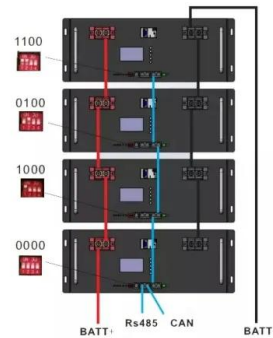
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### [India's Solar Cell and Module Imports Decline in First ...](#)

According to Rubix, India's solar module exports in 2023-24 were nearly 35 times higher in value than its solar cell exports. The country's top ...

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### **Solar cell, wafer exports from China rise as panel exports fall**

Solar cell and solar wafer exports from China increased significantly during the first half of the year, according to analysis by London-based think tank Ember Energy.

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### **InfoLink's 2024 cell shipment ranking: Top five manufacturers**

Cell shipment ranking reshuffled: Top five maintain above 25 GW+ According to InfoLink's research, the global top-five cell suppliers shipped 162.8 GW in total in 2024, down ...

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### [China Customs PV Export Data Released in April](#)

In April this year, China's wafers, cells, modules and other photovoltaic main materials to achieve a total of 3.129 billion U.S. dollars in exports, of which 277 million U.S. ...

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## India's Solar Export Growth: Opportunities And Challenges In A ...

The country's growth in solar exports is largely linked to two key Harmonized System of Nomenclature (HSN) codes: 85414200, which covers unassembled photovoltaic cells, and ...

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114KWh ESS



### [Indian solar PV exports to the U.S. to keep rising till...](#)

India's solar photovoltaic (PV) module exports to the United States of America (the U.S.) are likely to keep rising for another couple of years ...

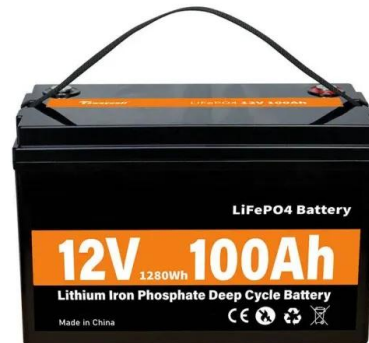
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## Turkey Solar PV Cells and Modules Market (2025-2031) , Outlook

6Wresearch actively monitors the Turkey Solar PV Cells and Modules Market and publishes its comprehensive annual report, highlighting emerging trends, growth drivers, revenue analysis, ...

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### [India's solar PV module exports surge 364% YoY](#)

The exports largely constitute solar PV modules, and the share of PV cell exports was only 0.1% in FY2023. The export buoyancy continued in the current fiscal, with the first ...

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### [China Exported 206 GW Solar Modules During 10M 2024](#)

According to the country's Ministry of Industry and Information Technology (MIIT), the country saw its year-on-year (YoY) solar cell exports increase by over 40% from January ...

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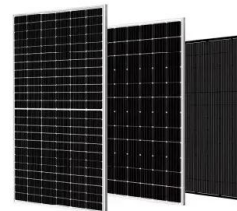
### [Executive summary - Solar PV Global Supply Chains](#)

The total value of global PV-related trade - including polysilicon, wafers, cells and modules - exceeded USD 40 billion in 2021, an increase of over 70% from 2020.

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### **China's PV module exports in July: rebound in Europe alongside ...**

4 days ago· China's total module exports from January to July 2025 reached 148.6 GW, down 2% YoY from 151.48 GW. In July 2025, the top five single-country importers of Chinese modules ...



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