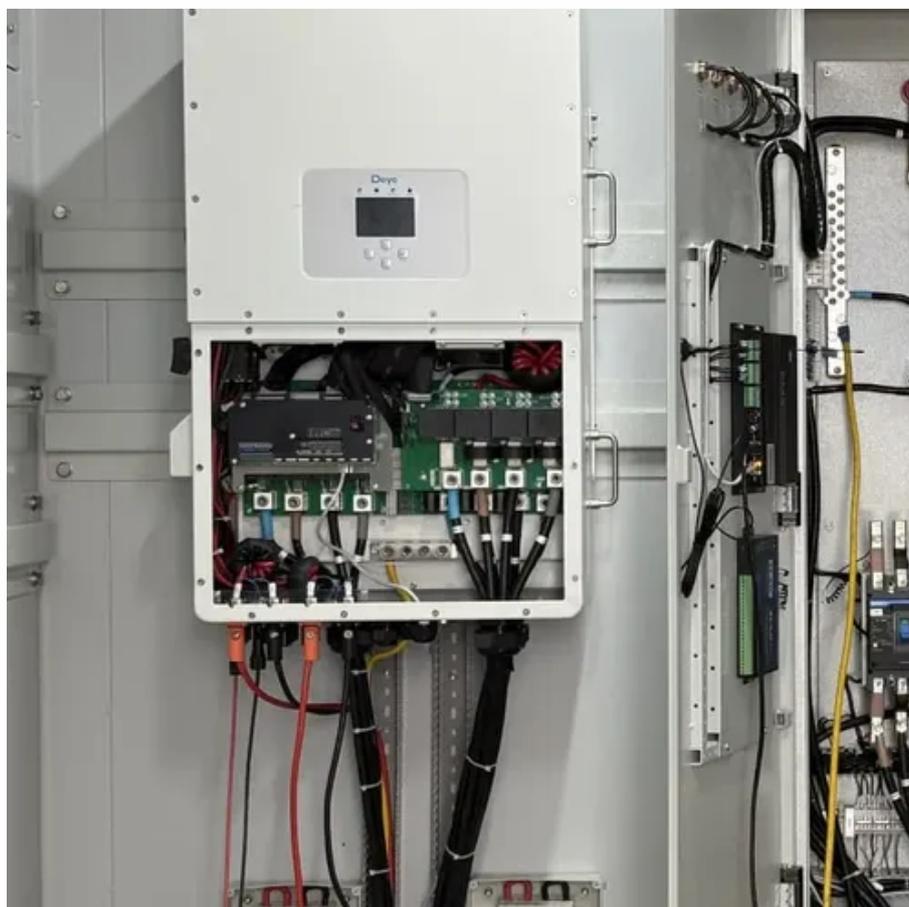




Summary of Photovoltaic Panel Data





Overview

The latest update contains data on roughly 4.5 million individual systems installed through the end of 2024 and provides project-level data covering a wide range of system technical characteristics, installed prices, financing and installer level data, and customer. The latest update contains data on roughly 4.7 gigawatts direct current (GWdc) of capacity in Q3 2025, a 20% increase from Q3 2024, a 49% increase from Q2 2025, and the third largest quarter for deployment in the industry's history. Following a low second quarter, the industry is ramping up as the end of. Today, China's share in all the manufacturing stages of solar panels (such as polysilicon, ingots, wafers, cells and modules) exceeds 80%. This is more than double China's share of global PV demand. The data are compiled from a variety of sources, including utilities, state agencies, local permitting agencies, property assessors, and others. The. Beginning in January 2017, we required some of the respondents for the annual survey Form EIA-63B, Photovoltaic Module Shipments Report, to report monthly data. photovoltaic (PV) facilities with capacity of 1 megawatt or more. Each quarter, the National Renewable Energy Laboratory conducts the Quarterly Solar Industry Update, a presentation of technical trends within the solar industry.



Summary of Photovoltaic Panel Data

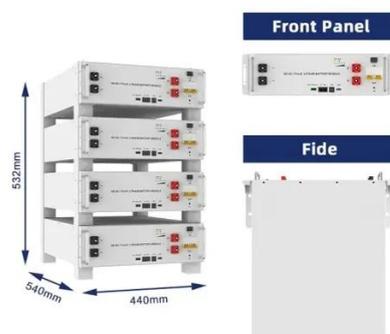


[Executive summary - Solar PV Global Supply Chains](#)

Solar PV Global Supply Chains - Analysis and key findings. A report by the International Energy Agency.

U.S. Photovoltaic Database

The United States Large-Scale Solar Photovoltaic Database (USPVDB) provides the locations and array boundaries of U.S. photovoltaic (PV) facilities with capacity of 1 megawatt or more. It includes ...



[Monthly Solar Photovoltaic Module Shipments Report](#)

Beginning in January 2017, we required some of the respondents for the annual survey Form EIA-63B, Photovoltaic Module Shipments Report, to report monthly data. The subset of respondents now must ...

[Quarterly Solar Industry Update , Department of Energy](#)

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



Solar photovoltaic panel prices

Solar photovoltaic panel prices Average price of solar modules, expressed in US dollars per watt, adjusted for inflation.

[Global photovoltaic solar panel dataset from 2019 to 2022](#)

Solar photovoltaic (PV) power generation, known for its affordability and environmental benefits, is a key component of the global energy supply. However, the lack of comprehensive, ...



Solar PV

Find up-to-date statistics and facts on the global solar photovoltaic industry.

Solar Market Insight Report - SEIA



In Q3 2025, the residential segment installed 1,088 MWdc of solar capacity, declining 4% year-over-year and quarter-over-quarter. Despite an industry rush to bring projects online this year to ...



Deye inverters and Deye batteries are more compatible.

[Solar Market Insight Report Q4 2025 - SEIA](#)

Our five-year national commercial solar forecast remains largely unchanged this quarter, with a 4% uplift compared to last quarter based on updated installation data. The outlook reflects a ...

U.S. Distributed Solar and Storage Data , Energy Markets & Planning

U.S. Distributed Solar and Storage Data Berkeley Lab collects, cleans, and publishes project-level data on distributed* solar and distributed solar+storage systems in the United States. The data are ...





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