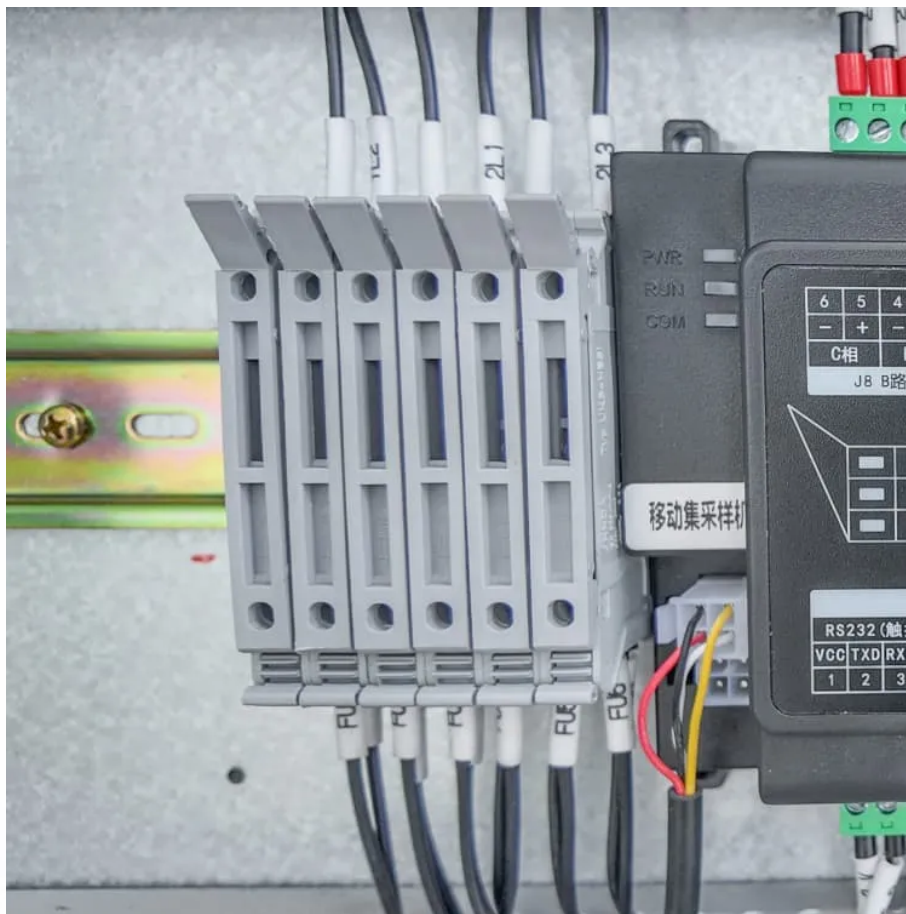


## A-Core Container

# Solar module export trends



## Overview

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Over 2024, solar PV installations surged, with China leading the way. At the same time, emerging markets such as the Middle East and North Africa (MENA) accelerated their deployments to diversify their economies from fossil fuel exposure and decarbonise.

Over 2024, solar PV installations surged, with China leading the way. At the same time, emerging markets such as the Middle East and North Africa (MENA) accelerated their deployments to diversify their economies from fossil fuel exposure and decarbonise.

The global solar photovoltaic (PV) module market has been growing at pace and is projected to rise to \$133.12bn in market value by 2028, according to Power Technology 's parent company, GlobalData. As the world moves towards greener energy solutions, solar power has gained significant momentum.

Monthly photovoltaic module shipments, 2006–2024 January February March April May June July August September October November December January February March April May June July August September October November December September January February March April May June July August Data source: U.S.

As investment into variable renewable energy (VRE) continues to hit record highs each new year, solar photovoltaics (PV) continues to experience explosive growth, totally reshaping global energy markets. This disruption is driven by the scale of China's strategic investment into solar PV technology.

The adoption of solar energy is growing rapidly worldwide, with cumulative installations amounting to more than 2.2 terawatts as of the end of 2024. Between 2025 and 2029, global solar photovoltaic capacity additions are projected to increase yearly and range from some 655 gigawatts in 2025 to 930.

NREL conducts analysis of solar industry supply chains, including domestic content, and provides quarterly updates on important developments in the

industry. These analyses draw from data collected through a combination of third-party market reports, primary interviews, and publicly available data.

Each quarter, the National Renewable Energy Laboratory conducts the Quarterly Solar Industry Update, a presentation of technical trends within the solar industry. Each presentation focuses on global and U.S. supply and demand, module and system price, investment trends and business models, and.

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