



# Domestic solar container demand forecast analysis report

<div class="df\_qntext">How will the residential solar market grow over the next decade?

The residential solar market will continue to grow steadily, driven by retail rate inflation, resiliency concerns, product innovation, and third-party ownership momentum with a focus on ITC adder qualification. In our Base case forecast, the segment will more than triple over the next decade, adding more than 96 GWdc by 2035.

### 3.2. Commercial PV

<div class="df\_qntext">How did the residential solar market perform in Q3 2024?

In Q3 2024, the residential solar market added 1,128 MW dc, a 39% year-over-year decline. Based on the first three quarters of the year, total residential installed capacity fell by 33% compared to the same timeframe in 2023, with 39 state markets contracting.

<div class="df\_qntext">How will the solar market perform this year?

For utility-scale, more than half of the estimated capacity for the year is currently under construction. The pipeline of projects in late-stage development remains healthy and is expected to materialize this year. The residential solar market will experience some recovery this year, with 9% growth.

<div class="df\_qntext">How did California's commercial solar market perform in 2024?

2024 was another record-breaking year for the commercial solar segment, with 2.1 GWdc of new capacity installed, an 8% increase from 2023. Last year, California represented 34% of the total national installed capacity, with 11% year-over-year growth, primarily due to NEM 2.0 installations coming online.

<div class="df\_qntext">Who owns the solar market insight report?

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<div class="df\_qntext">How much solar capacity will the US have?

Our annual Year in review report includes a 10-year outlook for every segment. We expect cumulative US solar capacity to more than triple from 236 GWdc installed at year-end 2024, to 739 GWdc installed by 2035, with average annual capacity additions of more than 45 GWdc.

The effect on container shipping operations could be nothing short of revolutionary. Meanwhile, the imposition of new tariffs by the U.S. and other major trading nations have the potential to disrupt ...

The global mobile solar container market is experiencing robust growth, driven by increasing demand for off-grid and temporary power solutions across diverse sectors. The market, ...



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Global Solar Container consumption by region & country, CAGR, 2020-2031 & (Units) U.S. VS China: Solar Container domestic production, consumption, key domestic manufacturers and share Global ...

The Global Domestic Coastal Container Consumption Market is experiencing significant growth driven by increasing regional trade activities, infrastructural developments, and a rising ...

The global Solar Container market size was US\$ million in 2024 and is forecast to a readjusted size of US\$ million by 2031 with a CAGR of % during the forecast period 2025-2031.

Regional Analysis The Asia Pacific region leads the global solar container market, driven by rapid industrialization, government support for renewable energy, and increasing energy demand in ...

The mobile solar container power system market is experiencing robust growth, driven by increasing demand for reliable and sustainable off-grid power solutions across diverse sectors. The market, ...

Solar Container Market Global Forecast Report 2025-2030 | Analysis of Key Players Driving Solar Container Market Expansion Government initiatives and disaster resilience programs ...

The global domestic trade container market is experiencing robust growth, driven by the expansion of e-commerce, increasing urbanization, and the need for efficient intra-regional goods ...

The residential segment continues to dominate the market, while the industrial segment is witnessing the fastest growth due to increased energy demands. Rising demand for renewable energy solutions and ...

The global Mobile Solar Container Modules market is projected to grow from US\$ 786 million in 2024 to US\$ 1132 million by 2031, at a CAGR of 5.7% (2025-2031), driven by critical product segments and ...

Demand for solar remains robust, and annual installation forecasts would be higher if not for limitations facing the industry, including those related to interconnection, labor availability, ...

Our forecast therefore indicates a slight weakening of the supply/demand balance in 2025 followed by a significant weakening in 2026 as ship demand is expected to fall. On the other hand, if ships are able ...

The India container market size is anticipated to reach USD 10.74 billion by 2030, registering a CAGR of 2.7% from 2025 to 2030, according to a new study conducted by Grand View Research, Inc.

Ocean freight container spot rates have surged on major trading routes since May, indicating an early arrival of the peak season in 2024. Emily Stausb&#248;ll, Senior Shipping Analyst at Xeneta, attributes this ...



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