

# Kehui business park solar container technology analysis report

<div class="df\_qntext">How did California's commercial solar market perform in Q2 2024?

The commercial solar segment set a second quarter record, growing by 27% compared to Q2 2024, and adding 585 MW dc of new capacity. Growth in California drove this increase - a healthy pipeline of NEM 2.0 installations continues to come online, making up 90% of commercial projects in the state.

<div class="df\_qntext">How much solar capacity did the residential segment install in Q2 2025?

In Q2 2025, the residential segment installed 1,064 MW dc of solar capacity, declining 9% year-over-year and 3% quarter-over-quarter. High interest rates, economic and policy uncertainty continue to be significant challenges for the segment.

<div class="df\_qntext">What happened to the utility sector in Q2 2025?

Programs in major state markets are at or close to capacity, with no notable new markets to take their place. The utility-scale segment installed 5.7 GW dc in Q2 2025, decreasing 28% year-over-year and 33% quarter-over-quarter. Deployment in Texas, the segment's largest market, slowed from recent quarters, driving the decline.

<div class="df\_qntext">How much solar power did the US install in Q2 2025?

The US solar industry installed 7.5 gigawatts direct current (GW dc) of capacity in Q2 2025, a 24% decline from Q2 2024 and a 28% decrease since Q1 2025. Solar accounted for 56% of all new electricity-generating capacity added to the US grid in the first half of 2025, with a total of 18 GW installed.

<div class="df\_qntext">What are the challenges facing the commercial solar segment?

High interest rates, economic and policy uncertainty continue to be significant challenges for the segment. The commercial solar segment set a second quarter record, growing by 27% compared to Q2 2024, and adding 585 MW dc of new capacity.

<div class="df\_qntext">How much solar capacity did the US add in Q2?

Combined, solar and storage accounted for 82% of new capacity in the first half of the year. The US added 4.3 GW of solar module manufacturing capacity in Q2, bringing the total to 55.4 GW. However, there were no additions of upstream manufacturing capacity (polysilicon, wafer, or cell manufacturing).

UK's "largest" solar and battery storage project begins construction The specialist global investment manager revealed the Kent-based project, which consists of 373MW of solar and "more than" 150MW ...

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