

Top 10 solar panel brands of 2024

SolarReviews is thrilled to unveil its 2024 Solar Panel Brand Rankings.

The scoring system, carefully crafted through extensive discussions with industry leaders, evaluates solar panel brands based on product quality, financial bankability, commitment to U.S. manufacturing, and value. This methodology was used to evaluate 30 brands and ensures a transparent, unbiased, and comprehensive ranking that consumers and industry professionals can rely on.

Top solar brands

1 **qcells**

2 **SILFAB SOLAR**

3 **JA SOLAR**

4 **Jinko Solar**

5 **CanadianSolar**

6 **LONGi**

7 **Panasonic**

8 **REC**

9 **moxeon**

10 **SEG SOLAR**

"2023 was an interesting year for solar, with rising interest rates and changes to major state solar policies altering the industry landscape. It's more important than ever that homeowners and installers have access to trustworthy information about investing in solar. That's why SolarReviews created a list of the top solar panel brands. We're proud of our ranking system and know that it can help consumers invest in solar confidently."

Andy Sendy

Founder & President of SolarReviews

Ranking factors



Value (25%): SolarReviews recognizes the significant investment solar panels represent, and we understand the pivotal role that cost plays in homeowners' decisions. As such, our rating system considers cost-effectiveness.



Module quality (20%): Brands were evaluated on the performance specifications of their top residential solar panel, focusing on efficiency ratings, temperature coefficients, and presence on the 2023 PVEL Top Performers list.



Company financial performance (20%): Assessing the financial health of a solar panel brand serves as the best possible indicator of whether the company will be around to honor future warranty claims that may arise.



U.S. Investment (15%): Each brand's commitment to the U.S. market was evaluated by identifying headquarters, offices, and manufacturing locations and the brand's attendance at U.S. trade shows and events.



Warranty (10%): SolarReviews reviewed both product and performance warranties to gauge module reliability and performance over time.



Dealer network quality (10%): This factor reflects brand availability among installers, ensuring access for U.S. homeowners.