

Best Solar Manufacturers of 2021

SolarReviews is proud to release the **Solar Panel Manufacturer Scoring System**, the first ranking of solar panel brands to assess the quality and performance of panels over their full warranted life of 25 years. The SolarReviews scoring system has been formulated after extensive discussion with industry leaders and offers a transparent, unbiased and comprehensive scoring methodology for solar brands.

Top Solar Brands

1ST LG Solar2  Q CELLS
a Hanwha company3  LONGI Solar4  Canadian Solar5  SUNPOWER®6  Jinko Solar7  JA SOLAR8  REC9  Trinasolar10  Panasonic

"The U.S. solar market is made up of hundreds of solar panel brands of varying price points and value. Consumers are often faced with the challenging task of balancing the upfront cost of panels and the longevity of the solar system to ensure long-term savings are realized. The Best Solar Manufacturers of 2021 list was developed to help consumers understand the solar panels with the best value and performance for the long run. We hope the ranking equips those who turn to solar to shop smarter, and ultimately get the solar system that works best for them,"

Andy Sendy

Founder and President of SolarReviews.com

RANKING FACTORS

Below is a list of the criteria SolarReviews used to judge solar panel companies and the weights assigned to each:



VALUE (30%): Solar panels are a substantial investment, and their high upfront cost deters many homeowners from going solar. As such, SolarReviews understands that solar panel cost is a significant factor to consider when rating solar panels.



MODULE QUALITY (20%): Module quality is an assessment of the spec sheet performance of each company's top residential solar panel, specifically their efficiency rating and temperature coefficients. Panels that take up less space and perform more consistently in different climatic conditions will earn a higher score.



FINANCIAL VISIBILITY AND STRENGTH (20%): This factor assesses the financial health of the solar panel manufacturer. This serves as the best possible indicator of whether the company will be around to honor any warranty claims that may arise.



WARRANTY (10%): SolarReviews assessed both the product and performance warranty. The product warranty reflects the reliability of the module, while the performance warranty assessment evaluates how panel performance will hold up with each passing year.



U.S. INVESTMENT (10%): This factor assesses how committed each brand is to the U.S. market.



DEALER NETWORK (10%): This factor reflects the availability of the brand among solar installers, ensuring availability for U.S. homeowners.