



## SunPower Maxeon Panels

Your solar panel choice matters. SunPower Maxeon panels are fundamentally different. And better. With its unique copper foundation, patented Maxeon technology delivers exceptional results. Maximise your savings with technology that delivers more lifetime energy, exceptional durability and reliability, 25-year industry-leading warranty coverage—all while being manufactured sustainably.



### Highest Lifetime Energy

Up to 30% more energy in the same space over 25 years compared to Conventional Panels.<sup>1</sup>



### Unmatched Reliability<sup>2</sup>

Almost 4x stronger reliability than Conventional Panels and backed by our industry-leading warranty.<sup>3</sup>



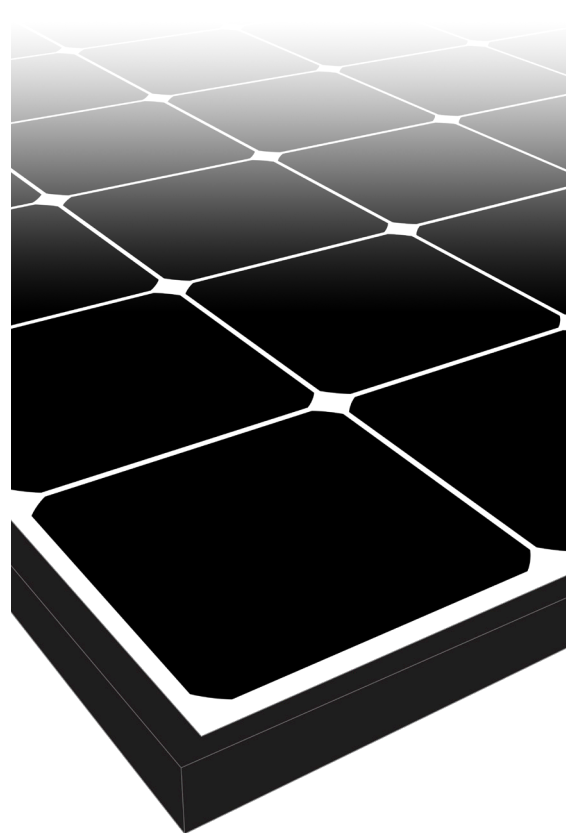
### Leading Durability<sup>2</sup>

Designed for real world conditions and proven in the field with a 40-year expected useful life.<sup>4</sup>



### Leader in sustainability<sup>5</sup>

Built with pioneering new standards in sustainable manufacturing, transparency and recyclability.



SUNPOWER

MAXEON





## Powering Positive Change

Maxeon Solar Technologies was launched following its spin-off from SunPower Corporation in 2020. As an independent, publicly listed company, Maxeon designs, manufactures and sells SunPower-branded solar panels worldwide.

- 35+ years of innovation behind the most advanced solar technology in the world.
- More than 41 million panels (15 GW) shipped to 100+ countries.
- Industry-leading R&D investment and over 1,200 patents.<sup>6</sup>
- Backed by TotalEnergies, the 6th largest public oil & gas company in the world valued at \$118.4 billion.<sup>7</sup>
- Guided by an unrelenting vision to make solar panels as clean as the energy they produce.

## Leading Durability<sup>2</sup>

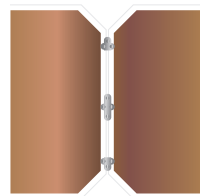
The patented metal foundation on SunPower Maxeon cells allows them to bend under tough conditions where others break. And Maxeon panels are proven, with an expected useful life of 40 years<sup>4</sup> and a return rate of less than 0.005%.<sup>8</sup>



No grid lines on cell front



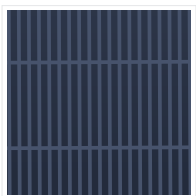
Solid metal backing



Thick connections



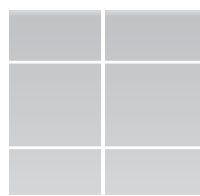
SunPower Maxeon



Lines of metal paste



Metal paste on back of cell



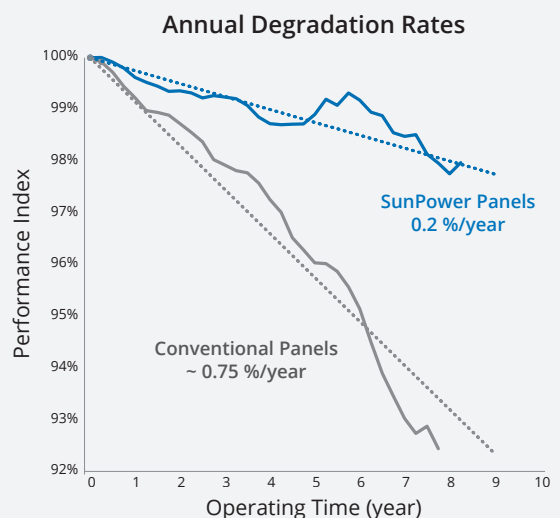
Thin connections



Conventional Solar Cell

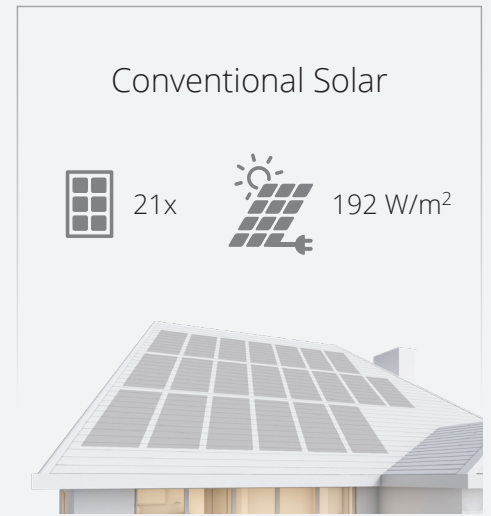
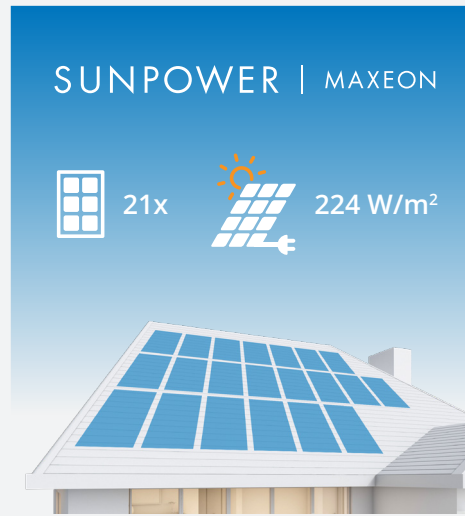
## Unmatched Reliability<sup>2</sup>

Take control of your energy future with confidence, knowing that SunPower Maxeon panel quality is proven. In actual field testing across 8 years and 800,000 panels at 264 sites, Maxeon panels demonstrated the lowest degradation rates in the solar industry,<sup>2</sup> almost 4x stronger reliability than conventional panels.



## More Lifetime Energy

As the most efficient panel in the solar industry<sup>9</sup>, SunPower Maxeon panels generate more energy from the available space on your roof than conventional panels. And higher efficiency panels mean more energy—and more savings—over time.



## Fundamentally Different, and Better

From their patented solid copper foundation to redundant cell interconnections, SunPower Maxeon panels are expertly engineered for unmatched efficiency and reliability.



  
EFFICIENCY


Up to  
**22.6%**

  
ENERGY  
PRODUCTION

Up to  
**30%**  
more<sup>1</sup>

  
ELEGANT DESIGN  
FOR ANY ROOF

A range of frame and  
backsheet options



  
POWER

Up to  
**425 W**  
RESIDENTIAL

Up to  
**485 W**  
COMMERCIAL

Note: Panel model availability may vary by market.

## Maximise Your Home's Potential with AC Technology

Maxeon's new AC Modules combine our industry-leading solar panel technology with advanced microinverter technology. AC systems offer enhanced reliability in real-world conditions like weather events and shade. They also provide added flexibility to expand systems for future energy needs such as EV charging, AC storage and more. And each system comes with easy-to-use, real-time monitoring that lets you view your system's performance and environmental impact anytime, anywhere.



# SunPower Complete Confidence Panel Warranty

A better warranty starts with a better product. The SunPower Complete Confidence Warranty provides industry-leading 25-year power, product and service coverage. Each panel is manufactured with the absolute confidence to deliver more energy, reliability and savings over time.



## Power

Highest power output protection in the solar industry: 92% in year 25.<sup>3</sup>



## Product

Coverage for defects related to workmanship and materials for 25 years, versus the typical 10-year warranty of conventional panels.



## Service

Repair, replacement or reimbursement for any defective panel for 25 years, hassle free. See warranty terms for applicable countries.<sup>10</sup>

## Leader in Sustainable Manufacturing<sup>5</sup>

We believe that solar panels should be as clean as the energy they produce. SunPower Maxeon panels have helped our customers achieve LEED, BREEAM and other key certifications, while pioneering new standards for solar industry transparency, responsible material use and recycling programs.



## Take the Next Step

Industry-leading SunPower solar technology delivers the highest standard of quality and performance.

Your SunPower authorised partner is uniquely qualified to deliver on your energy goals and facilitate a solution that's right for your needs and budget.



Ready to go solar?

Learn more about Maxeon Solar Technologies and our SunPower Maxeon solar panels:  
[sunpower.maxeon.com](https://sunpower.maxeon.com)

# maxeon

## MAKER OF SUNPOWER PANELS

- 1 Maxeon (400W, 22.6% efficient, 1.77 m<sup>2</sup>) compared to a Conventional Panel (350 W p-mono PERC, 19.2% efficient, approx. 1.82 m<sup>2</sup>) in the same physical footprint.
- 2 Jordan, et. al. Robust PV Degradation Methodology and Application. PVSC 2018.
- 3 Based on January 2021 review of warranties on manufacturer websites for top 20 manufacturers per IHS.
- 4 SunPower Panel 40-year Useful Life. SunPower whitepaper. 2013.
- 5 SunPower Panels won the 2019 Sustainability Award from pv magazine, a solar trade publication. The award recognized that SunPower panels were made with the first manufacturing to achieve Cradle to Cradle certification, NSF certification for a landfill-free solar factory, product life expectancy and recyclability. Details can be found on pv magazine's website.

- 6 Based on cumulative investment from 2007 through 2018. Osborne. "R&D spending analysis of 21 PV manufacturers." PVTech.com 2019. Includes patents from U.S. and other global markets. U.S. Patents are exclusively licensed from SunPower Corporation to Maxeon Solar Technologies. Non-U.S. Patents are owned by Maxeon.
- 7 The World's Largest Oil & Gas Companies 2021. Forbes Global 2000.
- 8 "A Comparative Study: SunPower DC Solar Module Warranty Claim Rate vs. Conventional Panels." SunPower Corporation. 2019.
- 9 Based on datasheet review of websites of top 20 manufacturers per IHS, as of June 2021.
- 10 Service applicable only to PV Module originally installed in Belgium, France, Germany, Italy, The Netherlands, or the United Kingdom. Scope of warranty coverage varies by country. For more information about the warranty terms and conditions available in your country, visit [maxeon.com/legal](https://maxeon.com/legal).

Cradle to Cradle Certified is a certification mark licensed by the Cradle to Cradle Products Innovation Institute. Cradle to Cradle Certified is a multi-attribute certification program that assesses products and materials for safety to human & environmental health, design for future use cycles, and sustainable manufacturing.