



## SunPower® Maxeon Panels

SunPower Maxeon panels are fundamentally different. And better. With its unique copper foundation, Maxeon® technology delivers exceptional quality and industry-leading results.



### Highest Lifetime Energy

Up to 55% more energy in the same space over 25 years compared to Conventional Panels.<sup>1</sup>



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

SunPower® Maxeon® panels demonstrate almost 4x stronger reliability than Conventional Panels and are backed by our industry-leading warranty.<sup>3</sup>



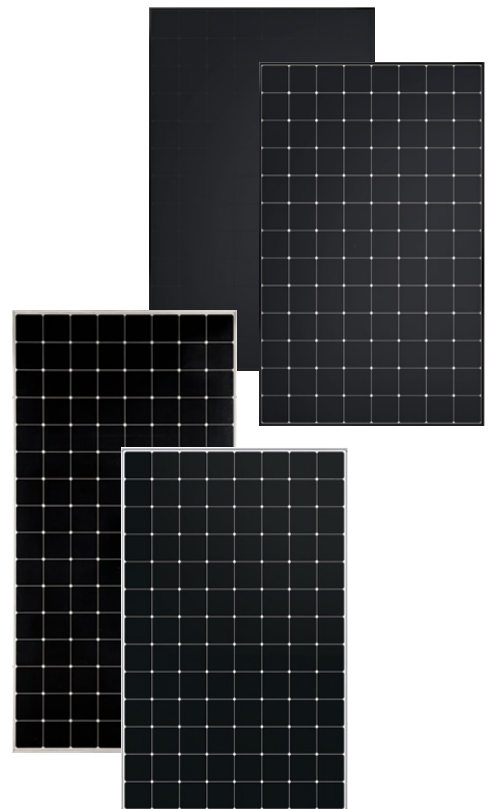
### #1 in Durability<sup>2</sup>

SunPower® panels are designed for real world conditions, proven in the field with a 40-year expected useful life.<sup>4</sup>



### Leader in sustainability

SunPower is rated #1 for sustainable manufacturing practices,<sup>5</sup> and has set new transparency and recycling standards among solar panel manufacturers.



# SUNPOWER®

## MAXEON®



## Demand Better Solar

Since 1985, SunPower has been focused on one singular mission: changing the way our world is powered.

- 34 years of 100% solar focus
- 30 Million panels (10.3 GW) installed in 130 countries
- #1 R&D investment in solar<sup>6</sup> and 1,000+ patents
- Majority-owned subsidiary of Total S.A., the 4th largest energy company in the world at \$168 billion.<sup>7</sup>

Your solar panel choice matters. Maximise your savings with solar's top durability, reliability and efficiency, all backed by our industry-leading warranty.<sup>3</sup>

## #1 in Durability<sup>2</sup>

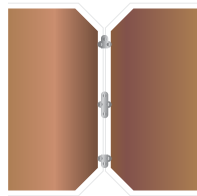
The patented metal foundation on SunPower<sup>®</sup> Maxeon<sup>®</sup> cells allows it to bend under tough conditions where others break. And Maxeon panels are proven, with an expected useful life of 40 years<sup>4</sup> and a return rate of less than 0.005% on over 15 million panels shipped.<sup>8</sup>



No grid lines on cell front



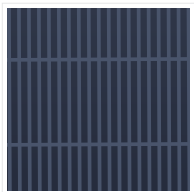
Solid metal backing



Thick connections



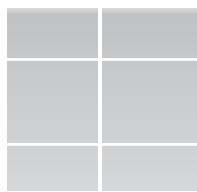
SunPower<sup>®</sup> Maxeon<sup>®</sup>



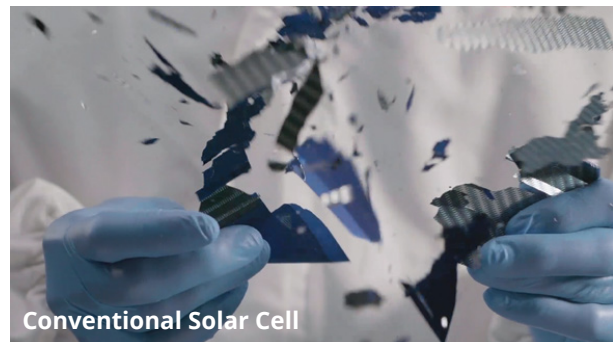
Lines of metal paste



Metal paste on back of cell



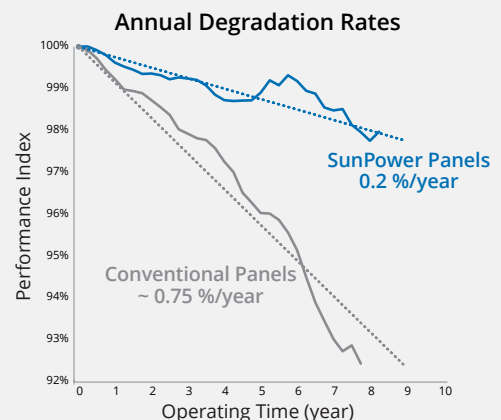
Thin connections



Conventional Solar Cell

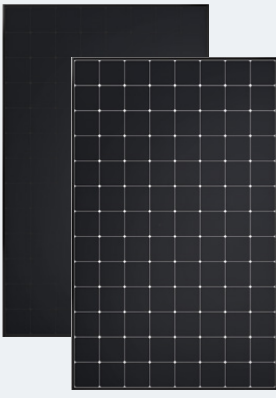
## Unmatched Reliability<sup>2</sup>

Invest with confidence, knowing that SunPower<sup>®</sup> Maxeon<sup>®</sup> 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. Maxeon panels are also backed by our industry-leading warranty.<sup>3</sup>



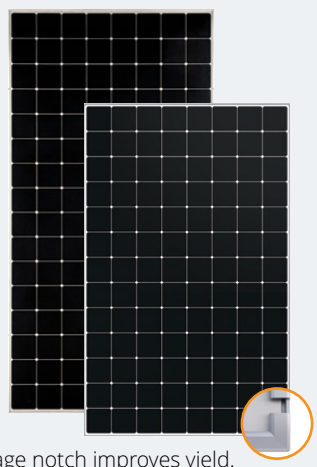
**RESIDENTIAL ROOFTOPS**

**MAXEON 2 & MAXEON 3**



**INDUSTRIAL ROOFTOPS**

**MAXEON 2 COM & MAXEON 3 COM**



Drainage notch improves yield.  
(Available on 104-cell COM design only)

**ENERGY PRODUCTION** Up to **55%** more<sup>1</sup>

**EFFICIENCY** Up to **22.6%**

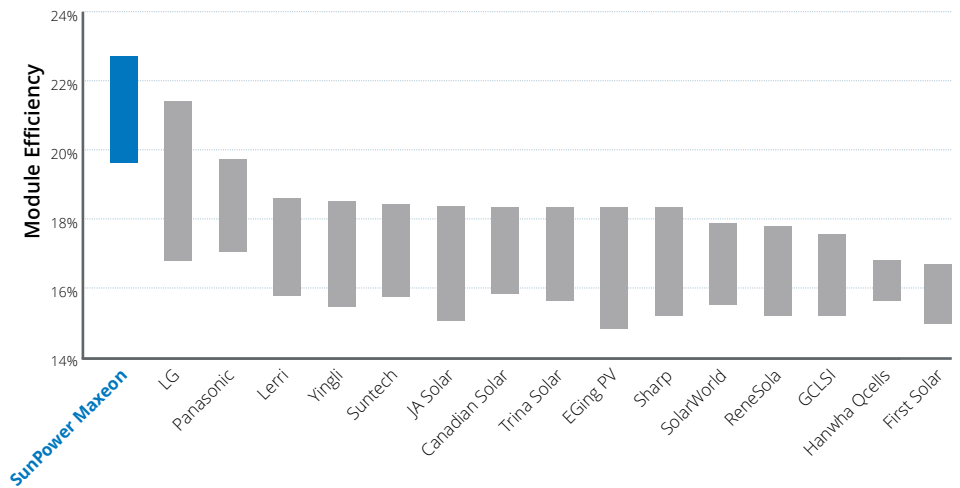
**POWER** Up to **400W\***

\*Maxeon Commercial modules are also available in larger form factors with rated power up to 470W.


## Highest Lifetime Energy

As the most efficient panel in the solar industry for more than 10 years, Maxeon generates more power from the same roof than conventional panels. A SunPower Maxeon system delivers up to 55% more energy from the same space over the first 25 years.<sup>1</sup> And more energy means more savings.


Commercialized Solar Panel Efficiencies<sup>9</sup>



## Conventional Solar

 **6kW**  
 **22x**  
 **280W**

## SUNPOWER® | MAXEON®

 **6kW**  
 **15x**  
 **400W**

# SunPower® Complete Confidence Panel Warranty

A better warranty starts with a better product. SunPower's Complete Confidence Panel Warranty provides the industry-leading 25-year power, product and service coverage. We have absolute confidence in our panels' ability to deliver more energy, reliability and savings over time—backed by extensive third party testing and field data from our more than 30 million panels deployed.



## Power

Highest power output protection in the solar industry: 92% in year 25.<sup>9</sup>



## Product

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

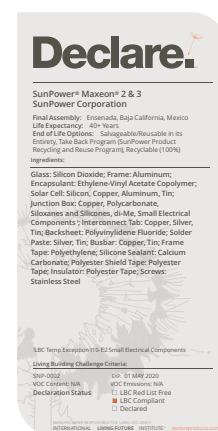


## Service

Repair, replacement or reimbursement for any defective panel for 25 years, hassle free.<sup>10</sup>

## Leader in Sustainable Manufacturing

SunPower is rated #1 among solar manufacturers for sustainable practices.<sup>5</sup> Maxeon panels have helped SunPower pioneer new standards for solar industry transparency and recycling.



## Take the next step

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

Our objective is to provide you with industry leading solar technology, while delivering the highest standard of quality and customer service.



## Ready to go solar?

To learn more about SunPower visit us at: [sunpower.com](http://sunpower.com)

## DEMAND BETTER SOLAR

# SUNPOWER®

1 SunPower 400 W, 22.6% efficient, compared to a Conventional Panel on same-sized arrays (280 W p-multi, 17% efficient, approx. 1.64 m<sup>2</sup>), 8% more energy per watt (based on PVSIM runs for avg US climate), 0.5%/yr slower degradation rate (Jordan, et. al. Robust PV Degradation Methodology and Application. PVSC 2018).

2 Dirk Jordan et al, Robust PV Degradation Methodology and Application, March 2018 <https://ieeexplore.ieee.org/stamp/stamp.jsp?arnumber=8233204>In partnership with the National Renewable Energy Laboratory (NREL), the U.S. Department of Energy's primary national laboratory for renewable energy and energy efficiency research and development,

SunPower developed a robust method to calculate solar panel degradation which is something all solar panels experience, but at varying rates. When this method was applied to eight years of energy performance data from 264 SunPower solar systems operating at various locations worldwide, it proved that SunPower panels degrade at a median rate of 0.2 percent per year: 70 percent less than the annual degradation rate for Conventional Panels.

3 Competitor warranty information provided from latest warranty documentation from various conventional panel manufacturer websites as of December 2018.

4 SunPower Panel 40-year Useful Life. SunPower whitepaper. 2013.

5 SunPower is rated #1 on Silicon Valley Toxics Coalition's Solar Scorecard, validating our comprehensive approach to responsible business.

6 Between 2007-2017, SunPower spent more money in R&D than any other crystalline module manufacturer. Source: PVTech.com. R&D spending analysis of top PV module manufacturers, Osborne (2017) (2018 based on publicly reported R&D spending).

7 Source: Forbes Global 2000 List, market capitalisation as of June 2018.

8 SunPower White Paper, 2019

9 Based on 2019 review of warranties from top 20 manufacturers per IHS 2018.

10 Repair, replacement or reimbursement will be at SunPower's sole discretion. Warranty service availability may vary from country to country. Ask your installer for full warranty information at the time of purchase or check our website [sunpower.com](http://sunpower.com).

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