

SunPower Maxeon Panels

SunPower Maxeon panels are fundamentally different. And better. With its unique copper foundation, Maxeon cell technology delivers exceptional quality and industry-leading results. The patented Maxeon design is proven across five generations and more than 3.5 billion solar cells.



Highest Lifetime Energy

Up to 35% more energy in the same space over 25 years compared to Conventional Panels.¹



Unmatched Reliability²

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



Leading Durability²

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



Leader in Sustainability⁵

SunPower Maxeon panels are built with pioneering new standards in sustainable manufacturing, transparency and recyclability.



SUNPOWER

MAXEON



Demand Better Solar

Since 1985, SunPower products have delivered industry-leading solar technology and innovation to our customers.

- 35 years of 100% solar focus
- 35 million panels (13 GW) installed in 100+ countries
- #1 R&D investment in solar⁶ and 900 patents
- Largest investor is Total S.A., the 6th largest public energy company in the world at \$150 billion.⁷

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

Leading Durability²

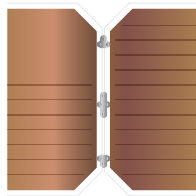
The patented metal foundation on SunPower Maxeon cells allows it to bend under tough conditions where others break. And Maxeon panels are proven, with an expected useful life of 40 years⁴ and a return rate of less than 0.005% calculated on over 15 million panels shipped.⁸



No grid lines on cell front



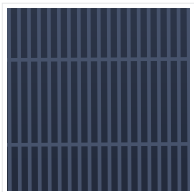
Solid metal backing



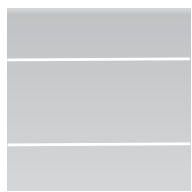
Thick connections



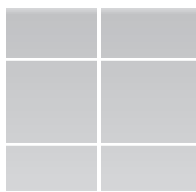
SunPower Maxeon



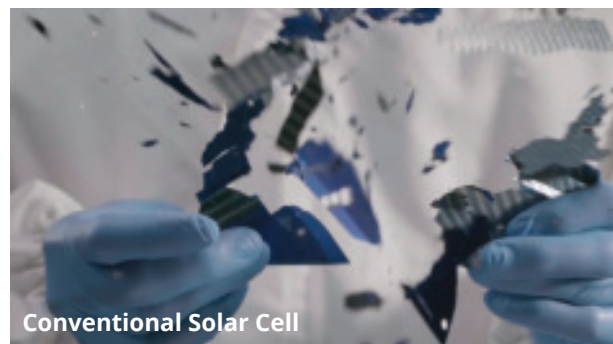
Lines of metal paste



Metal paste on back of cell



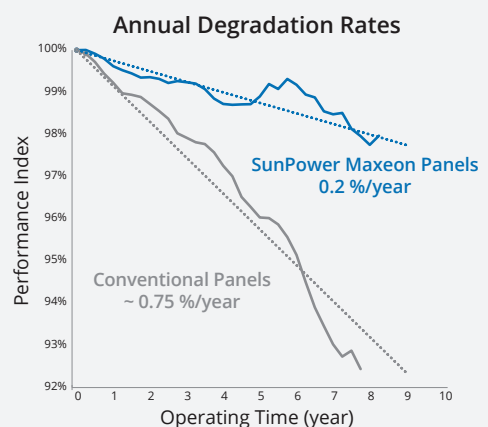
Thin connections



Conventional Solar Cell

Unmatched Reliability²

Invest 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,² almost 4x stronger reliability than conventional panels. Maxeon panels are also backed by our industry-leading warranty.³



MAXEON 3



ENERGY
PRODUCTION

Up to
35%
more¹



EFFICIENCY

Up to
22.7%



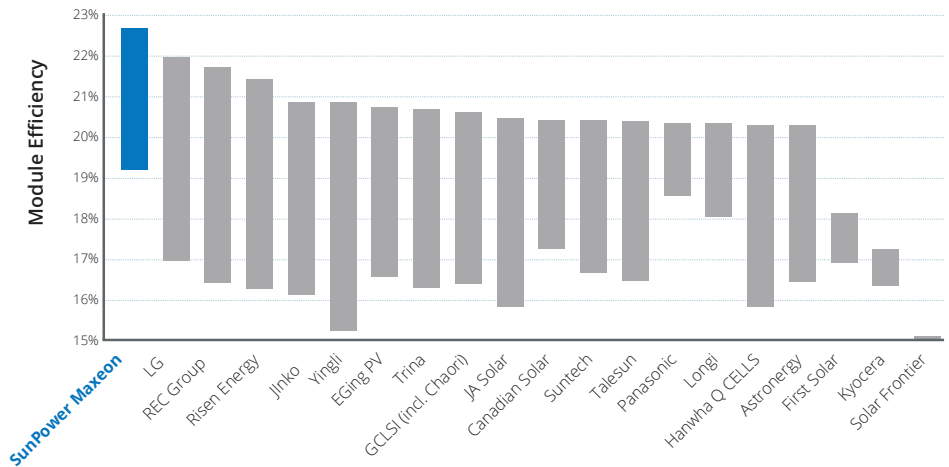
POWER

Up to
400W
Residential

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 35% more energy from the same space over the first 25 years.¹ And more energy can mean more savings.

Commercialised Solar Panel Efficiencies¹¹



Conventional Solar



6kW



20x



310W

SUNPOWER | MAXEON



6kW



15x



400W

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 absolute confidence to deliver more energy, reliability and savings over time - backed by extensive third party testing and field data from more than 35 million SunPower panels deployed worldwide.



Power

Highest power output protection in the solar industry: 92% in year 25.⁹



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.¹⁰

Leader in Sustainable Manufacturing⁵

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, and also helped pioneer 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 is right for your needs and budget.



Ready to go solar?

To learn more about SunPower visit us at: sunpower.maxeon.com/au

SUNPOWER

FROM MAXEON SOLAR TECHNOLOGIES

1 SunPower 400 W, 22.6% efficient, compared to a Conventional Panel on same-sized arrays (310 W mono PERC, 19% efficient, approx. 1.64 m²)
2 Jordan, et. al. Robust PV Degradation Methodology and Application. PVSC 2018.
3 Based on Oct. 2019 review of warranties on manufacturer websites for top 20 manufacturers per IHS 2019.
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.
7 Source: Forbes Global 2000 List, market capitalisation as of May 2019.
8 "A Comparative Study: SunPower DC Solar Module Warranty Claim Rate vs. Conventional Panels." SunPower Corporation. 2019.
9 Based on Oct. 2019 review of warranties on manufacturer websites for top 20 manufacturers per IHS 2019.

10 Scope of warranty coverage varies by country. For more information about the warranty terms and conditions available in your country, visit sunpower.maxeon.com/legal.
11 Based on datasheet review of websites of top 20 manufacturers per IHS, as of Jan. 2020.

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.

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