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Your solar panel choice matters.

Maximise your savings and enjoy the peace of mind that comes with solar's top durability, reliability and efficiency,¹ all backed by the industry's leading warranty.²

Record-setting SunPower Maxeon panels ensure that you have the very best solar for your home or business.

Now also available in AC version. [Learn more here.](#)

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Pioneering Solar Innovation



Fundamentally different,
and better

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cells lose power over time because of corrosion and breakage. A recent study of 20 solar panels uncovered that 41% of field failures were caused from issues surrounding the panel, such as browning and cell cracking, PID, delamination and defective backsheets.* The unique design of Maxeon solar cells eliminates many of these causes of conventional cell failures. So your panels—and savings—continue to deliver. Year, after year, after year.

Maxeon Cell Breakage Comparison



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More Lifetime Energy

As the most efficient panel in the solar industry¹, 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.

Higher Efficiency = More Energy

Up to 30% more energy in the same space over 25 years²

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21x

192 W/m²

21x

224 W/m²

Unmatched reliability^{*}

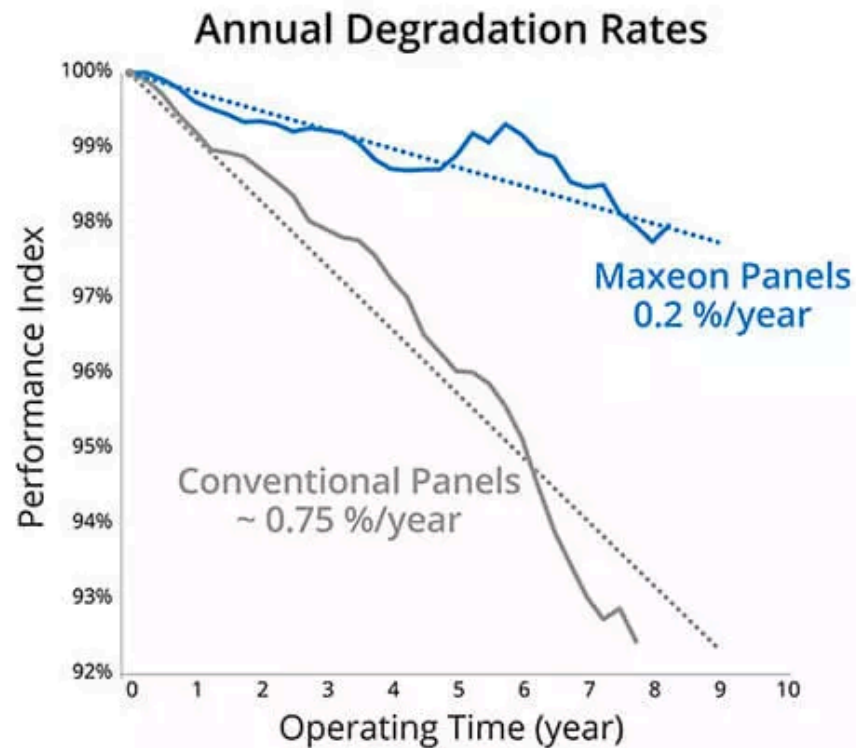
Invest with confidence, knowing that SunPower Maxeon panel quality is proven. In actual field testing across 8 years and 800,000 panels at 264 sites, SunPower Maxeon solar panels demonstrated the lowest

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And more reliability means more savings.

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Third-party Reliability Validation

SunPower Maxeon panels were recognized as a Top Performer in the [2021 PVEL PV Module Reliability Scorecard](#).

Based on data from its Product Qualification Program (PQP), the PVEL Scorecard highlights the exemplary reliability performance of solar panel manufacturers worldwide.

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Leading Durability^{*}

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and a temperature loss of less than 0.005%.

And more durability means more savings.

SunPower Maxeon Panels Rated #1 in Durability



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Thinking about going solar?

Start saving on your electricity bill with SunPower Maxeon solar panels

[Start saving](#)

Invest with Confidence

SunPower Maxeon Panel 40-Year Warranty

Welcome to the solar industry's longest warranty: the SunPower Maxeon 40-Year Warranty.¹ It's as exceptional as our quality solar technology.

In fact, you're 100 times more likely to return a standard solar panel than a SunPower Maxeon solar panel. And since our warranty covers the panel and its performance, it's much **easier to process than standard warranties** in the unlikely event that you will need it.

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Our Maxeon panels 40-year warranty is one more way we make life better with solar.



Our Industry-Leading Warranty

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Meet SunPower Maxeon Cells

No grid lines

SunPower Maxeon cells use back-contact conductivity, eliminating unsightly metal gridlines, and enabling them to absorb more sunlight.

Solid metal backing

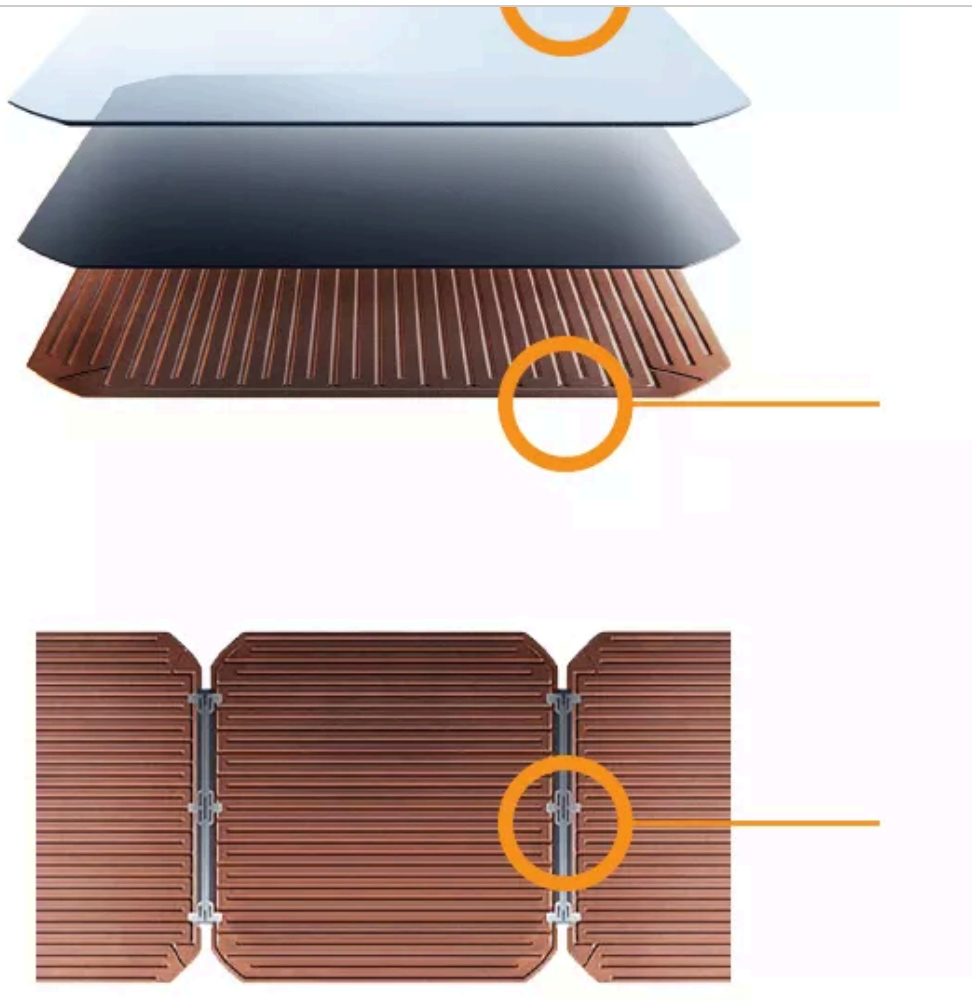
Metal adds massive strength to each cell, helping it resist corrosion from the elements, while making the entire panel more durable.

Thick connectors

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How do SunPower Maxeon solar panels differ from Conventional Panels? ▼

How do SunPower Performance solar panels differ from SunPower Maxeon panel technology? ▼

What is the typical performance advantage gained from using SunPower Maxeon panels? ▼

How much do SunPower Maxeon panels cost? ▼

Resource Centre

Residential

Commercial

Product Datasheets

Maxeon 6 AC Black, 410-425 W

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Maxeon 6 AC, 420-445 W

Product Datasheet

Ideal for Residential Applications

40-year Warranty

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Maxeon 7 DC, 435-445 W

Product Datasheet

Ideal for Residential Applications

40-year Warranty

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Maxeon 6 AC, 420-445 W

Product Datasheet

Ideal for Residential Applications

40-year Warranty

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Product Datasheet

Ideal for Residential Applications

40-year Warranty



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Maxeon 3 DC Black, 355-375 W

Product Datasheet

Ideal for Residential Applications

40-year Warranty



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Maxeon 3 DC, 390-400 W

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Maxeon 3 DC Black, 410-420 W

Product Datasheet

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40-year Warranty

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Maxeon 3 DC, 415-430 W

Product Datasheet

Ideal for Residential Applications

40-year Warranty



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Maxeon 6 AC (E3) Black, 410-425 W

Product Datasheet

Ideal for Residential Applications

40-year Warranty



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Manuals and Technical Sheets

Safety and Installation Instructions for AC Modules 537620 RevI_v2



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Safety and Installation Instructions for DC Panels

Rev AB

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User Manual for Functional Cell Demo Kit (FCDK)

Rev A



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Safety and Installation Instructions for AC Panels

Rev G



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Warranty Documents & Leaflets

Limited Warranty for PV Modules (DC)

Covering: Portugal

SunPower Maxeon: 40/40 Years

SunPower Performance 7: 30/30 Years

Effective Date: January 1, 2024



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Limited Warranty for PV Modules (DC)

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Effective Date: January 1, 2024



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Limited Warranty for PV Modules (DC)

Covering: Austria

SunPower Maxeon: 40/40 Years

SunPower Performance 7: 30/30 Years

Effective Date: January 1, 2024



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Limited Warranty for PV Modules sold with Microinverters (AC)

Covering: New Zealand

SunPower Maxeon: 40/40 Years

SunPower Performance: 25/25 Years

Effective Date: July 1, 2023



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Limited Warranty for PV Modules sold with Microinverters (AC)

Covering: Austria, Denmark, Malta, Sweden

SunPower Maxeon: 40/40 Years

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Limited Warranty for PV Modules (DC)

Covering: Luxembourg

SunPower Maxeon: 40/40 Years

SunPower Performance 7: 30/30 Years

Effective Date: January 1, 2024

Limited Warranty for PV Modules (DC)

Covering: Malta, Denmark

SunPower Maxeon: 40/40 Years

SunPower Performance: 25/25 Years

Effective Date: January 1, 2023



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Covering: Luxembourg

SunPower Maxeon: 40/40 Years

SunPower Performance: 25/25 Years

Effective Date: January 1, 2022



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Limited Warranty for PV Modules sold with Microinverters (AC)

Covering: Cyprus, Estonia, Finland, Hungary, Latvia, Lithuania, Republic of Ireland, Norway

SunPower Maxeon: 25/25 Years

SunPower Performance: 25/25 Years

Effective Date: January 1, 2023



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Limited Warranty for PV Modules (DC)

Covering: Albania, Bulgaria, Croatia, Denmark, Estonia, Finland, Gibraltar, Greece, Latvia, Lithuania, Malta, Slovenia, Ukraine

SunPower Maxeon: 40/40 Years

SunPower Performance 7: 25/25 Years

SunPower Performance 6: 25/25 Years

Effective Date: January 1, 2024



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Covering: Cambodia, Indonesia, Malaysia, Myanmar, Republic of Korea, Philippines, Singapore, Vietnam, Laos

SunPower Maxeon: 40/40 Years

SunPower Performance 7: 30/30 Years

SunPower Performance 6: 25/25 Years

Effective Date: January 1, 2024



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Limited Warranty for PV Modules (DC)

Covering: All countries not listed in Region 1, 2 or 3

SunPower Maxeon: 40/40 Years

SunPower Performance 7: 25/25 Years

SunPower Performance 6: 25/25 Years

Effective Date: January 1, 2024



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Limited Warranty for PV Modules (DC)

Covering: China, India, Republic of Korea, Hong Kong (Asia & Pacific), Andorra, Iceland, Ireland, Liechtenstein, Monaco, Norway, Vatican City (Europe)

SunPower Maxeon: 40/40 Years

SunPower Performance 7: 30/30 Years

SunPower Performance 6: 25/25 Years

Effective Date: January 1, 2024

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Limited Warranty for PV Modules (DC)

Covering: Czech

SunPower Maxeon: 40/40 Years

SunPower Performance 7: 30/30 Years

Effective Date: January 1, 2024



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Limited Warranty for PV Modules sold with Microinverters (AC)

Covering: Portugal

SunPower Maxeon: 40/40 Years

SunPower Performance: 25/25 Years

Effective Date: January 1, 2022



Download

Limited Warranty for PV Modules (DC)

Covering: Sweden

SunPower Maxeon: 40/40 Years

SunPower Performance 7: 30/30 Years

Effective Date: January 1, 2024



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- Leadership Team
- Investor Relations
- Office Locations
- Media Room
- Work/Careers

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- Solar for Homes
- Solar for Businesses
- Professionals
- Architects & Engineers
- Developers & EPC Firms

PANELS & TECHNOLOGY

- AC Modules
- SunPower Maxeon Panels
- SunPower Performance Panels
- Quality Policy & Certifications
- SunPower Patents

HOW TO BUY

- Purchase SunPower panels
- Find Distributor
- Resources

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- Customer Support
- Frequently Asked Questions

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