

# SunPower Maxeon panels, the best and safest choice



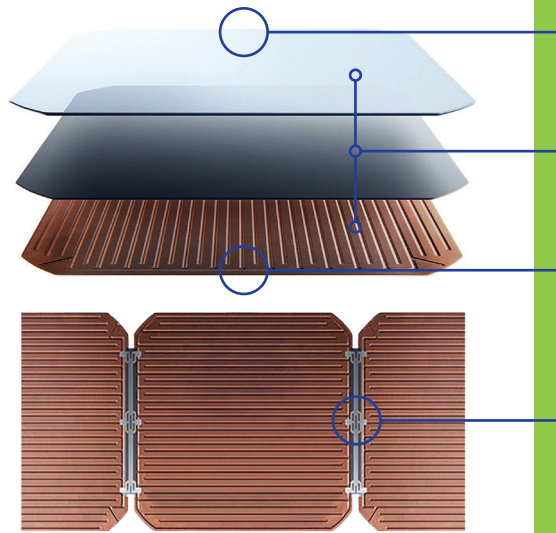
## A warranty like no other

We offer the industry's longest and most comprehensive warranty<sup>1</sup>. For a very simple reason: the unique design of Maxeon solar cells eliminates most of the causes of standard cell failures, making them more durable and reliable.<sup>2</sup> And you can rest easy knowing you're buying from a company that has a history of more than 35 years.

**Fact: Only 1 in 20,000 panels return to us under warranty – that's 0.005%, 100 times lower than standard solar panels.<sup>3</sup>**

## A fundamentally different technology

Maxeon's interdigitated back contact (IBC) cells are stronger and more reliable<sup>4</sup> than other solar cells.



### No grid lines

Back contact conductivity allows for better sunlight absorption for record efficiencies

### Hot-spot protected

Cell architecture keeps the cell temperatures low, thus ensuring the lowest fire risk among PV technologies

### Solid copper foundation

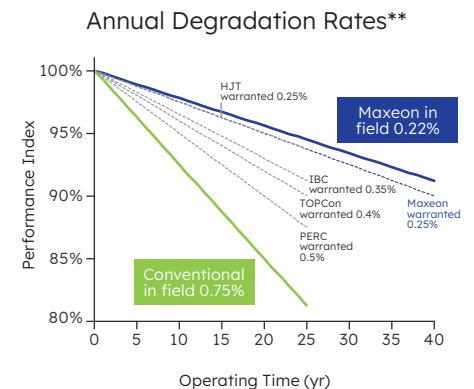
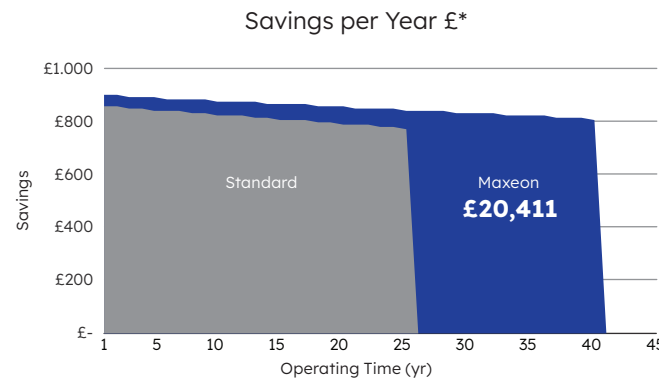
Massive cell strength for extreme resistance to cracks and corrosion

### Thick connectors

Built-in strain relief from temperature swings ensures stable performance over time regardless of the climate

## More rewards and less risk

Not only do SunPower Maxeon solar panels last longer, but they also generate more energy<sup>5</sup> and savings<sup>6</sup> over time. Even compared to standard solar panels with the same number of watts.



**Fact: By the 40th year you will have saved up to £20,411 more thanks to your Maxeon panels.**

## More energy<sup>5</sup> for days. And years. And decades. Guaranteed.

1 Maxeon solar panels are backed by a 40-year warranty. Subject to terms and conditions. Not available in all countries. 40-year warranty requires registration, otherwise our 25-year warranty applies.  
 2 Lillo Bravo et. al. "Impact of Energy Losses Due to Failures on Photovoltaic Plant Energy Balance". Energies. 2018.  
 3 A Comparative Study: SunPower DC Solar Module Warranty Claim Rates vs. Conventional Panels. SunPower. 2019.  
 4 Based on datasheet review of websites of top 20 panel manufacturers per IHS, as of January 2020.

5 5% more energy on average from the same rated watts compared to standard mono PERC panels (Based on PVSYS simulations in typical climates; PAN files are third-party verified; compared to leading mono PERC panel).

6 Maxeon solar panels are backed up by a 40-year warranty. Subject to terms and conditions. Not available in all countries. Jordan, D. et. al. "Robust PV Degradation Methodology and Application." PVSC 2019.

\* Internal Maxeon analysis with following assumptions: Location: London / Yield: 1000 kWh / Value of autoconsumed kWh: £0.32 / Value of exported kWh: £0.15 / % autoconsumption: 40% / Price increase per year (consumed kWh): 2% / Price increase per year (exported kWh): 0% / Discounted rate: 4% / System: 4 kW.

Degradation (year 1): Standard panels 2.00%, Maxeon panels 2.00% / Annual Warranted Degradation: Standard panels 0.40%, Maxeon panels 0.25% / Production (year 1): Standard panels 100%, Maxeon panels 102% / Efficiency: Standard panels 22.0%, Maxeon panels 22.60% / Product Warranty: Standard panels 25 years / Maxeon panels 40 years.

\*\* Jordan, D. et. al. "Photovoltaic fleet degradation insights." 2022. "Robust PV Degradation Methodology and Application." PVSC 2019.

# Technology and responsibility are our DNA



## A leader in sustainability

Maxeon was recently named one of the 100 most sustainable companies in the world by **Corporate Knights**.<sup>7</sup>

- Supply chain with demonstrated respect for human and labor rights at the factories.
- Only panel to voluntarily carry a Declare Label for ingredient transparency.
- Our Maxeon panels are free from hazardous substances such as forever plastics, lead and other toxic chemicals.<sup>8</sup>
- Zero-Waste-to-Landfill manufacturing plant in Mexico.
- 100% of cells produced in LEED Gold facilities.
- First and only major solar company with a Silver Cradle to Cradle certification.
- Developed in the Silicon Valley, California.

**Fact: A product with 40 years of warranty and made with recyclable materials means you don't have to sacrifice premium performance to make a good choice for the planet.**



**Declare.**

## SUNPOWER

FROM MAXEON SOLAR TECHNOLOGIES

## Other major solar brands

<b>Corporate</b>	Corporate Knights Global 100	✓	✗
	UN Global Compact Signatory	✓	✗
	Track record	38 years	10-20 years
<b>Product</b>	Warranty	40 years power, product, service <sup>9</sup>	10-30 years limited warranty
	Cradle to Cradle Silver certified	✓	✗
	Transparency: Declare label	✓	✗
<b>Supply Chain</b>	Energy Pay-Back Time	3 months to < 1 year <sup>10</sup>	?
	Modern slavery commitment	✓	?
	Leed certified facilities	✓	✗

**SUNPOWER**  
FROM MAXEON SOLAR TECHNOLOGIES

<sup>7</sup> <https://www.corporateknights.com/rankings/global-100-rankings/2023-global-100-rankings/2023-global-100-most-sustainable-companies/>  
<sup>8</sup> Excluded the micro inverter.  
<sup>9</sup> Service availability varies by country and installation provider.  
<sup>10</sup> Fraunhofer Institute for Solar Energy Systems ISE, Study commissioned by SunPower, 2022.

✗ Most of them no    ✗ None of them    ? Not always clear  
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