Hundreds of patents, decades of design and five cell generations have led to the new Maxeon 5 solar panel. Part of the record-setting SunPower Maxeon product line, Maxeon 5 pushes the boundaries of solar innovation, reliability and sustainability.

SunPower Maxeon panels are world-renowned for their energy production and savings advantages that combine unmatched efficiency and reliability with an industry-leading warranty and an estimated 40-year useful life.\textsuperscript{1,2,3,4}

### Maximum Lifetime Energy and Savings

The SunPower Maxeon 5 solar panel is designed to deliver 35% more energy in the same space over 25 years in real-world conditions such as partial shade and high temperatures.\textsuperscript{5,6,7}


The 25-year SunPower Complete Confidence Panel Warranty is backed by testing and field data from more than 30 million SunPower Maxeon panels deployed—and a demonstrated warranty return rate of 0.005%.\textsuperscript{8}

<table>
<thead>
<tr>
<th>Warranty Feature</th>
<th>Percentage</th>
</tr>
</thead>
<tbody>
<tr>
<td>Year 1 Minimum Warranted Power Output</td>
<td>98.0%</td>
</tr>
<tr>
<td>Maximum Annual Degradation</td>
<td>0.25%</td>
</tr>
<tr>
<td>Year 25 Minimum Warranted Power Output</td>
<td>92.0%</td>
</tr>
</tbody>
</table>

### Leadership in Sustainable Manufacturing

SunPower Maxeon panels—and the facilities in which they are produced—raise the bar for environmental and social responsibility. Included below are highlights of the certifications and recognition received by some of our products and manufacturing sites.
Based on datasheet review of websites of top 20 manufacturers per IHS, as of Jan, 2020.


Based on Oct. 2019 review of warranties on manufacturer websites for top 20 manufacturers per IHS 2018.

“SunPower Module 40-Year Useful Life,” Useful life is 99 out of 100 panels operating at more than 70% of rated power.

SunPower 450 W, 22.2% efficient, compared to a Conventional Panel on same-sized arrays (370 W mono PERC, 19% efficient, approx. 2 m²).

PV Evolution Labs “SunPower Shading Study,” 2013. Compared to a conventional front contact panel.

Based on temperature coefficients provided in manufacturer datasheets 2019.

SunPower panels are less than 50 dppm, or 0.005%, on over 15 million panels shipped - Source: SunPower White Paper, 2019.


Class C fire rating per IEC 61730.

SunPower Maxeon (DC) panels first received the International Living Future Institute Declare Label in 2016.

SunPower Maxeon (DC) panels are Cradle to Cradle Certified™ Bronze - www.c2ccertified.org/products/score-card-series-x-series_solar_panels_-_sunpower_corporation. Cradle to Cradle Certified™ Bronze. Cradle to Cradle Certified™ is a certification mark licensed by the Cradle to Cradle Products Innovation Institute.

Maxeon panels can contribute to LEED Materials and Resources categories and BREEAM certification.

Designed in U.S.A. by SunPower Corporation
Made in Malaysia (Cells)
Assembled in Mexico (Modules)

Specifications included in this datasheet are subject to change without notice.

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View warranty, patent and trademark information at maxeon.com/legal.
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