MAXEON 3 SOLAR PANEL

415–430 W | Up to 22.7% Efficient

More Lifetime Energy
Designed to maximise energy generation through leading efficiency, enhanced performance in high temperatures, and higher energy conversion in low-light conditions like mornings, evenings and cloudy days.

Uncompromising Durability
Engineered to power through all types of weather conditions with crack-resistant cells and reinforced connections that protect against fatigue and corrosion, to an electrical architecture that mitigates the impact of shade and prevents hot-spot formation.

Superior Sustainability
Clean ingredients, responsible manufacturing, and lasting energy production for 40 years make SunPower Maxeon panels the most sustainable choice in solar.

The Industry’s Longest Warranty
SunPower Maxeon panels are covered by a 40-year warranty backed by extensive third-party testing and field data from more than 33 million panels deployed worldwide.

<table>
<thead>
<tr>
<th>Coverage</th>
<th>Duration</th>
<th>Warranted Output</th>
<th>Degradation</th>
</tr>
</thead>
<tbody>
<tr>
<td>Product and power coverage</td>
<td>40 Years</td>
<td>98.0%</td>
<td>0.25%</td>
</tr>
<tr>
<td>Year 1 minimum warranted output</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Maximum annual degradation</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Learn more about the SPR-MAX3-XXX
sunpower.maxeon.com
Operating Condition And Mechanical Data

Temperature
-40°C to +85°C

Impact Resistance
25 mm diameter hail at 23 m/s

Solar Cells
112 Monocrystalline Maxeon Gen 3

Tempered Glass
High-transmission tempered anti-reflective

Junction Box
IP-68, Stäubli (MC4), 3 bypass diodes

Weight
21.2 kg

Max. Load
Wind: 2400 Pa, 244 kg/m² front & back
Snow: 5400 Pa, 550 kg/m² front

Frame
Class 1 black anodized (highest AAMA rating)

Electrical Data

<table>
<thead>
<tr>
<th>SPR-MAX3-430</th>
<th>SPR-MAX3-425</th>
<th>SPR-MAX3-415</th>
</tr>
</thead>
<tbody>
<tr>
<td>Nominal Power (Pnom)</td>
<td>430 W</td>
<td>425 W</td>
</tr>
<tr>
<td>Power Tolerance</td>
<td>+5%/0%</td>
<td>+5%/0%</td>
</tr>
<tr>
<td>Panel Efficiency</td>
<td>22.7%</td>
<td>22.4%</td>
</tr>
<tr>
<td>Rated Voltage (Vmp)</td>
<td>70.4 V</td>
<td>70.0 V</td>
</tr>
<tr>
<td>Rated Current (Imp)</td>
<td>6.11 A</td>
<td>6.07 A</td>
</tr>
<tr>
<td>Open-Circuit Voltage (Voc)</td>
<td>81.4 V</td>
<td>81.3 V</td>
</tr>
<tr>
<td>Short-Circuit Current (Isc)</td>
<td>6.57 A</td>
<td>6.57 A</td>
</tr>
<tr>
<td>Max. System Voltage</td>
<td>1000 V</td>
<td></td>
</tr>
<tr>
<td>Maximum Series Fuse</td>
<td>20 A</td>
<td></td>
</tr>
<tr>
<td>Power Temp Coef.</td>
<td>-0.27% / °C</td>
<td></td>
</tr>
<tr>
<td>Voltage Temp Coef.</td>
<td>-0.236% / °C</td>
<td></td>
</tr>
<tr>
<td>Current Temp Coef.</td>
<td>0.058% / °C</td>
<td></td>
</tr>
</tbody>
</table>

Warranties, Certifications and Compliance

Standard Tests
- IEC 61215, IEC 61730
- Ammonia Test IEC 62716
- Desert Test IEC 60068-2-68, MIL-STD-810G
- Salt Spray Test IEC 61701 (maximum severity)
- PID Test 1000 V: IEC 62804

Available Listings
- TUV
- IFLI Declare Label
- First solar panel labeled for ingredient transparency and LBC-compliance.

Cradle to Cradle Certified™ Bronze
- First solar panel line certified for material health, water stewardship, material reutilization, renewable energy & carbon management, and social fairness.

Green Building Certification Contribution
- Panels can contribute additional points toward LEED and BREEAM certifications.

EHS Compliance
- RoHS, OHSAS 18001:2007, Recycle Scheme, REACH SVHC-163

Please read the safety and installation instructions. Visit www.sunpower.maxeon.com/int/PVInstallGuideIEC. Paper version can be requested through techsupport.ROW@maxeon.com.

1 40-year warranty is not available in all countries or all installations and requires registration, otherwise our 25-year warranty applies. Service availability varies by country and installation provider.
3 Class C fire rating per IEC 61730.
4 4 Maxeon DC panels first received the International Living Future Institute Declare Label in 2016.
5 Maxeon DC panels are Cradle to Cradle Cradle Certified™ Bronze - www.c2ccertified.org/products/scorecard/e-series_xseries_solar_panels_-_sunpower_corporation. Cradle to Cradle Certified™ is a certification mark licensed by the Cradle to Cradle Products Innovation Institute.
6 Safety factor 1.5 included.

Made in Philippines (Cells)
Assembled in Malaysia (Module)
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