MAXEON 6 SOLAR PANEL
450-475 W | Up to 22.3% Efficient

Ideal for commercial applications
White backsheet, silver frame

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 25 years make SunPower Maxeon panels the most sustainable choice in solar.

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%.¹

<table>
<thead>
<tr>
<th>Product and power coverage</th>
<th>25 Years</th>
</tr>
</thead>
<tbody>
<tr>
<td>Year 1 minimum warranted output</td>
<td>98.0%</td>
</tr>
<tr>
<td>Maximum annual degradation</td>
<td>0.25%</td>
</tr>
</tbody>
</table>

Learn more about the SPR-MAX6-XXX-COM
sunpower.maxeon.com
### Electrical Data

<table>
<thead>
<tr>
<th>SPR-MAX6-475-450 COM</th>
<th>SPR-MAX6-460-450 COM</th>
<th>SPR-MAX6-450-450 COM</th>
</tr>
</thead>
<tbody>
<tr>
<td>Nominal Power (Pnom)</td>
<td>475 W</td>
<td>460 W</td>
</tr>
<tr>
<td>Power Tolerance</td>
<td>5%/0%</td>
<td>5%/0%</td>
</tr>
<tr>
<td>Panel Efficiency</td>
<td>22.3%</td>
<td>21.6%</td>
</tr>
<tr>
<td>Rated Voltage (Vmp)</td>
<td>43.9 V</td>
<td>43.2 V</td>
</tr>
<tr>
<td>Rated Current (Imp)</td>
<td>10.82 A</td>
<td>10.64 A</td>
</tr>
<tr>
<td>Open-Circuit Voltage (Voc) (+/-3%)</td>
<td>52.6 V</td>
<td>52.5 V</td>
</tr>
<tr>
<td>Short-Circuit Current (Isc) (+/-3%)</td>
<td>11.57 A</td>
<td>11.54 A</td>
</tr>
<tr>
<td>Max. System Voltage</td>
<td>1500 V IEC</td>
<td></td>
</tr>
<tr>
<td>Maximum Series Fuse</td>
<td>20 A</td>
<td></td>
</tr>
<tr>
<td>Voltage Temp Coef.</td>
<td>-0.29%/°C</td>
<td></td>
</tr>
<tr>
<td>Current Temp Coef.</td>
<td>0.057%/°C</td>
<td></td>
</tr>
</tbody>
</table>

### 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: 1500 V: IEC 62804
- Available Listings: TUV
- IFI 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 reutilisation, 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, lead free, REACH SVHC-163

### Operating Condition And Mechanical Data

- Temperature: ~40°C to +85°C
- Impact Resistance: 25 mm diameter hail at 23 m/s
- Solar Cells: 72 Maxeon 6 Cells
- Tempered Glass: High-transmission tempered anti-reflective
- Junction Box: IP-68, EVO2, 3 bypass diodes
- Weight: 22.7 kg
- Max. Load:
  - Wind: 2400 Pa, 244 kg/m² front & back
  - Snow: 5400 Pa, 550 kg/m² front
- Frame: Class 2 silver anodised

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1 SunPower panels are less than 50 dppm, or 0.005%, on over 15 million panels shipped - Source: “A Comparative Study: SunPower DC Solar Module Warranty Claim Rates” 2019.
3. Class C fire rating per IEC 61730.
4 Maxeon DC panels first received the International Living Future Institute Declare Label in 2016.
5 Maxeon DC panels are Cradle to 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 Malaysia (Cells)
Assembled in Mexico (Module)
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