SunPower X-Series: X21-350-BLK DC

SunPower® Residential Panel

SunPower X-Series panels combine the top efficiency, durability and warranty available in the market today, resulting in more long-term energy and savings.¹ ²

**Premium Aesthetics**
SunPower sleek black X-Series panels blend harmoniously into your roof. The most elegant choice for your home.

**Highest Lifetime Energy and Savings**
Designed to deliver 60% more energy in the same space over 25 years in real-world conditions like partial shade and high temperatures.²

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**Fundamentally Different. And Better.**

The SunPower Maxeon® Solar Cell
- Enables highest efficiency panels available ³
- Unmatched reliability ³
- Patented solid metal foundation prevents breakage and corrosion

As Sustainable As Its Energy
- Ranked #1 in Silicon Valley Toxics Coalition 2017 Solar Scorecard ⁴
- First solar panels to achieve Cradle to Cradle Certified™ Silver recognition ⁵
- Contributes to more LEED categories than conventional panels ⁵

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sunpowercorp.co.uk
**Operating Condition And Mechanical Data**

- **Temperature**: -40°C to +85°C
- **Impact Resistance**: 25 mm diameter hail at 23 m/s
- **Appearance**: Class A+
- **Solar Cells**: 96 Monocrystalline Maxeon Gen III
- **Tempered Glass**: High-transmission tempered anti-reflective
- **Junction Box**: IP-65, MC4
- **Weight**: 18.6 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-X21-350-BLK</th>
<th>SPR-X21-335-BLK</th>
</tr>
</thead>
<tbody>
<tr>
<td>Nominal Power (Pnom)</td>
<td>350 W</td>
</tr>
<tr>
<td>Power Tolerance</td>
<td>+5/0%</td>
</tr>
<tr>
<td>Panel Efficiency</td>
<td>21.5%</td>
</tr>
<tr>
<td>Rated Voltage (Vmp)</td>
<td>57.3 V</td>
</tr>
<tr>
<td>Rated Current (Imp)</td>
<td>6.11 A</td>
</tr>
<tr>
<td>Open-Circuit Voltage (Voc)</td>
<td>68.2 V</td>
</tr>
<tr>
<td>Short-Circuit Current (Isc)</td>
<td>6.50 A</td>
</tr>
<tr>
<td>Max. System Voltage</td>
<td>1000 V IEC &amp; 600 V UL</td>
</tr>
<tr>
<td>Maximum Series Fuse</td>
<td>15 A</td>
</tr>
<tr>
<td>Power Temp Coef.</td>
<td>-0.29% / °C</td>
</tr>
<tr>
<td>Voltage Temp Coef.</td>
<td>-167.4 mV / °C</td>
</tr>
<tr>
<td>Current Temp Coef.</td>
<td>2.9 mA / °C</td>
</tr>
</tbody>
</table>

**Tests And Certifications**

- **Standard Tests**: IEC 61215, IEC 1730, UL1703 (Type 2 Fire Rating)
- **EHS Compliance**: RoHS, OHSAS 18001:2007, lead free, Recycle Scheme, REACH SVHC-163
- **Sustainability**: Cradle to Cradle Certified™ Silver. “Declare.” listed.
- **Ammonia Test**: IEC 62716
- **Desert Test**: 10.1109/PVSC.2013.6744437
- **Salt Spray Test**: IEC 61701 (maximum severity)
- **PID Test**: 1000 V, IEC 62804, PVEL 600 hr duration
- **Available Listings**: TUV, UL, MCS, FSEC, CEC

1 SunPower 360 W compared to a Conventional Panel on same-sized arrays (260 W, 16% efficient, approx. 1.6 m²), 4% more energy per watt (based on PVsyst pan files), 0.75%/yr slower degradation (Campeau, Z. et al. “SunPower Module Degradation Rate,” SunPower white paper, 2013).
2 Based on search of datasheet values from websites of top 10 manufacturers per IHS, as of January 2017.
4 SunPower is rated #1 on Silicon Valley Toxics Coalition’s Solar Scorecard.
5 Cradle to Cradle Certified is a multi-attribute certification program that assesses products and materials for safety to human and environmental health, design for future use cycles, and sustainable manufacturing.
6 X-Serises and E-Serises panels additionally contribute to LEED Materials and Resources credit categories.
8 Type 2 fire rating per UL1703:2013, Class C fire rating per UL1703:2002.

Please read the safety and installation guide.