More than 22% Efficiency
Ideal for roofs where space is at a premium or where future expansion might be needed.

Maximum Performance
Designed to deliver the most energy in demanding real-world conditions, in partial shade and hot rooftop temperatures.¹²⁴

Premier Technology
Engineered with the newest and most powerful Maxeon technology, X-Series brings unmatched power and performance to your home.

Premier Technology
Engineered for performance, designed for durability.

Engineered for Peace of Mind
Designed to deliver consistent, trouble-free energy over a very long lifetime.³⁴

Designed for Durability
The SunPower Maxeon Solar Cell is the only cell built on a solid copper foundation. Virtually impervious to the corrosion and cracking that degrade conventional panels.³

Same excellent durability as E-Series panels.
#1 Rank in Fraunhofer durability test.⁹
100% power maintained in Atlas 25+ comprehensive durability test.¹⁰

High Performance & Excellent Durability

Highest Efficiency⁵
Generate more energy per square foot
X-Series residential panels convert more sunlight to electricity by producing 38% more power per panel¹ and 70% more energy per square foot over 25 years.¹²³

Highest Energy Production⁶
Produce more energy per rated watt
High year-one performance delivers 8–10% more energy per rated watt.² This advantage increases over time, producing 21% more energy over the first 25 years to meet your needs.³

SunPower X-Series
Conventional

SunPower X-Series Residential Solar Panels | X22-360
**SunPower® X-Series Residential Solar Panels | X22-360**

### Electrical Data

<table>
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<tr>
<th>SPR-X22-360</th>
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<tbody>
<tr>
<td><strong>Nominal Power (Pnom)</strong></td>
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<td><strong>Power Tolerance</strong></td>
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<tr>
<td><strong>Avg. Panel Efficiency</strong></td>
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<tr>
<td><strong>Rated Voltage (Vmp)</strong></td>
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<td><strong>Rated Current (Imp)</strong></td>
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<td><strong>Max. System Voltage</strong></td>
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<td><strong>Maximum Series Fuse</strong></td>
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<tr>
<td><strong>Power Temp Coef.</strong></td>
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<tr>
<td><strong>Voltage Temp Coef.</strong></td>
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<tr>
<td><strong>Current Temp Coef.</strong></td>
</tr>
</tbody>
</table>

### References:

1. All comparisons are SPR-X21-345 vs. a representative conventional panel: 250 W, approx. 1.6 m², 15.3% efficiency.
2. Typically 8–10% more energy per watt, BWE/DNV Engineering “SunPower Yield Report,” Jan 2013.
4. “SunPower Module 40-Year Useful Life” SunPower white paper, May 2015. Useful life is 99 out of 100 panels operating at more than 70% of rated power.
6. 1% more energy than E-Series panels, 8% more energy than the average of the top 10 panel companies tested in 2012 (151 panels, 102 companies), Photon International, Feb 2013.
8. Some restrictions and exclusions may apply. See warranty for details.
12. Based on average of measured power values during production.
13. Type 2 fire rating per UL1703:2013, Class C fire rating per UL1703:2002.
14. See salesperson for details.

### Combined Power and Product warranty

- More guaranteed power: 95% for first 5 years, ~0.4%/yr to year 25
- Traditional Warranty: ~80% for first 25 years
- SunPower Warranty: 95% for first 5 years, ~0.2%/yr to year 25

### Operating Condition And Mechanical Data

- **Temperature**: -40°F to +185°F (-40°C to +85°C)
- **Impact Resistance**: 1 inch (25 mm) diameter hail at 52 mph (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 compatible
- **Weight**: 41 lbs (18.6 kg)
- **Max. Load**:
  - Wind: 62 psf, 3000 Pa, 305 kg/m² front & back
  - Snow: 125 psf, 6000 Pa, 611 kg/m² front
- **Class 1 black anodized (highest AAMA rating)**

See www.sunpower.com/facts for more reference information. For more details, see extended datasheet: www.sunpower.com/datasheets.

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