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.\textsuperscript{1,2,4}

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

Engineered for Peace of Mind
Designed to deliver consistent, trouble-free energy over a very long lifetime.\textsuperscript{3,4}

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.\textsuperscript{3}

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

Highest Efficiency\textsuperscript{5}
Generate more energy per square foot
X-Series residential panels convert more sunlight to electricity producing 38% more power per panel,\textsuperscript{1} and 70% more energy per square foot over 25 years.\textsuperscript{1,2,3}

Highest Energy Production\textsuperscript{6}
Produce more energy per rated watt
High year one performance delivers 8-10% more energy per rated watt.\textsuperscript{2} This advantage increases over time, producing 21% more energy over the first 25 years to meet your needs.\textsuperscript{3}
SunPower® X-Series Residential Solar Panels | X22-360

Sunpower Offers The Best Combined Power And Product Warranty

### Electrical Data

- **Nominal Power (Pnom)**: 360 W
- **Power Tolerance**: +5/-0%
- **Avg. Panel Efficiency**: 22.2%
- **Rated Voltage (Vmpp)**: 60.6 V
- **Rated Current (Imppp)**: 5.94 A
- **Open-Circuit Voltage (Voc)**: 69.5 V
- **Short-Circuit Current (Isc)**: 6.48 A
- **Max. System Voltage**: 600 V UL & 1000 V IEC
- **Maximum Series Fuse**: 15 A
- **Power Temp Coef.**: -0.30% /°C
- **Voltage Temp Coef.**: -167.4 mV /°C
- **Current Temp Coef.**: 3.5 mA /°C

### Tests And Certifications

- **Standard tests**: UL1703 (Type 2 Fire Rating), IEC 61215, IEC 61730
- **EHS Compliance**: RoHS, OHSAS 18001:2007, lead free, REACH SVHC-163, PV Cycle
- **Sustainability**: Cradle to Cradle (eligible for LEED points)
- **Ammonia Test**: IEC 62716
- **Desert Test**: 10.1109/PVSC.2013.6744437
- **Salt Spray Test**: IEC 61701 (maximum severity)
- **PID Test**: Potential-Induced Degradation free: 1000 V
- **Available listings**: UL, CEC, TUV, JET

### Operating Condition And Mechanical Data

- **Temperature**: – 40° F to +185° F (– 40° C to +85° C)
- **Impact Resistance**: 1 inch (25mm) 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
- **Frame**: Class 1 black anodized (highest AAMA rating)

### Combined Power and Product defect 25 year coverage

More guaranteed power: 95% for first 5 years, -0.4%/yr. to year 25. 

**Traditional Warranty**

**SunPower Warranty**

**More guaranteed power: 95% for first 5 years, -0.4%/yr. to year 25.**

1 All comparisons are SPR-X21-345 vs. a representative conventional panel: 250W, approx. 1.6 m², 15.3% efficiency.
2 Typically 8-10% more energy per watt, BEW/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 sales person for details.

Please read the safety and installation guide.

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

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