• 20.4% efficiency
Ideal for roofs where space is at a premium or where future expansion might be needed.

• High performance
Delivers excellent performance in real world conditions, such as high temperatures, clouds and low light.1,2,3

• Proven value
Designed for residential rooftops, E-Series panels deliver the features, value and performance for any home.

Maxeon® Solar Cells: Fundamentally better.
Engineered for performance, designed for durability.

Engineered for peace of mind
Designed to deliver consistent, trouble-free energy over a very long lifetime.4,5

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.4,5

#1 Ranked in Fraunhofer durability test.10
100% power maintained in Atlas 25 years comprehensive PVDI Durability test.11

HIGH EFFICIENCY
Generate more energy per square foot
E-Series residential panels convert more sunlight to electricity producing 36% more power per panel;1 and 60% more energy per square foot over 25 years.3,4

HIGH ENERGY PRODUCTION
Produce more energy per rated watt
High year one performance delivers 7-9% more energy per rated watt.3 This advantage increases over time, producing 20% more energy over the first 25 years to meet your needs.4

HIGH PERFORMANCE & EXCELLENT DURABILITY

E20 - 327 PANEL

www.sunpower.com
E-SERIES SOLAR PANELS

OPERATING CONDITION AND MECHANICAL DATA

Temperature – 40°F to +185°F (– 40°C to +85°C)
Max load
Wind: 50 psf, 2400 Pa, 245 kg/m² front & back
Snow: 112 psf, 5400 Pa, 550 kg/m² front
Impact resistance 1 inch (25mm) diameter hail at 52 mph (23 m/s).
Appearance Class A
Solar Cells 96 Monocrystalline Maxeon Gen II
Tempered Glass High transmission tempered Anti-Reflective
Junction Box IP-65 Rated
Connectors MC4 Compatible Connectors
Frame Class 1 black anodized (highest AAMA rating)
Weight 41 lbs (18.6 kg)

TESTS AND CERTIFICATIONS

Standard tests UL1703 (Type 2 Fire Rating), IEC 61215, IEC 61730
EHS Compliance RoHS, OHSAS 18001:2007, lead free
Ammonia test IEC 62716
Salt Spray test IEC 61701 (passed maximum severity)
PID test Potential-Induced Degradation free: 1000V 10
Available listings UL, CEC, CSA, TUV, JET, KEMCO, MCS, FSEC

REFERENCES:
1 All comparisons are SPR-E20-327 vs. a representative conventional panel: 250W, approx. 1.6 m², 15.3% efficiency.
3 Typically 7-9% more energy per watt, BEW/DNV Engineering “SunPower Yield Report,” Jan 2013.
5 “SunPower Module 40-Year Useful Life” SunPower white paper, Feb 2013. Useful life is 99 out of 100 panels operating at more than 70% of rated power.
7 8% more energy than the average of the top 10 panel companies tested in 2012 (151 panels, 102 companies), Photon International, Feb 2013.
8 Compared with the top 15 manufacturers. SunPower Warranty Review, Feb 2013.
9 Some exclusions apply. See warranty for details.
12 Standard Test Conditions (1000 W/m² irradiance, AM 1.5, 25° C).
13 Based on average of measured power values during production

For more details, see extended datasheet: www.sunpower.com/datasheets. Read safety and installation instructions before using this product.
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SUNPOWER OFFERS THE BEST COMBINED POWER AND PRODUCT WARRANTY

POWER WARRANTY

COMBINED POWER AND PRODUCT WARRANTY

PRODUCT WARRANTY

More guaranteed power: 95% for first 5 years, -0.4%/yr. to year 25.8

ELECTRICAL DATA

<table>
<thead>
<tr>
<th></th>
<th>E20-327</th>
<th>E19-320</th>
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<tbody>
<tr>
<td>Nominal Power12 (Pnom)</td>
<td>327 W</td>
<td>320 W</td>
</tr>
<tr>
<td>Power Tolerance</td>
<td>+5/-0%</td>
<td>+5/-0%</td>
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<tr>
<td>Avg. Panel Efficiency13</td>
<td>20.4%</td>
<td>19.8%</td>
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<tr>
<td>Rated Voltage (Vmpp)</td>
<td>54.7 V</td>
<td>54.7 V</td>
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<tr>
<td>Rated Current (Impp)</td>
<td>5.98 A</td>
<td>5.86 A</td>
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<tr>
<td>Open-Circuit Voltage (Voc)</td>
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<tr>
<td>Short-Circuit Current (Isc)</td>
<td>6.46 A</td>
<td>6.24 A</td>
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<tr>
<td>Max. System Voltage</td>
<td>600 V UL &amp; 1000 V IEC</td>
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<tr>
<td>Maximum Series Fuse</td>
<td>15 A</td>
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<tr>
<td>Power Temp Coef.</td>
<td>-0.38% / °C</td>
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<tr>
<td>Voltage Temp Coef.</td>
<td>-176.6 mV / °C</td>
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</tr>
<tr>
<td>Current Temp Coef.</td>
<td>3.5 mA / °C</td>
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</tbody>
</table>

See http://www.sunpower.com/datasheets for more details.