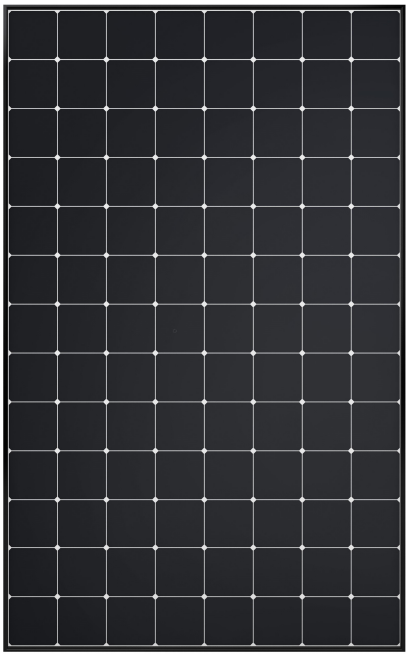
SUNPOWER®

MAXEON®



MAXEON® 2 | 360 W

Residential Solar Panel

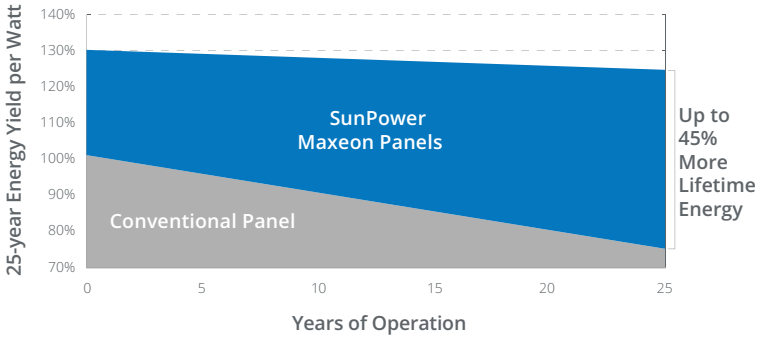
SunPower Maxeon panels combine high efficiency with the strongest durability and warranty available in the market today, resulting in more long-term energy and savings. [1,2]

Maximum Power. Minimalist Design.

High efficiency means more power and savings per available space. With fewer panels required, less is truly more.

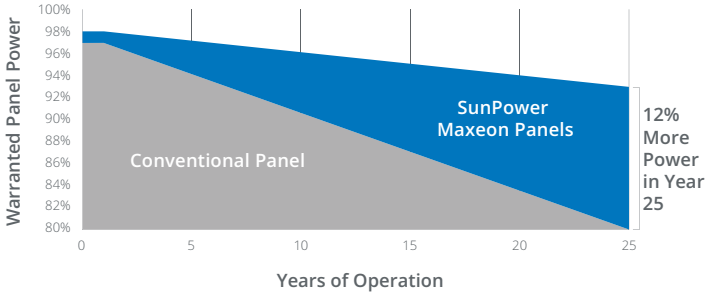
More Lifetime Energy and Savings

Designed to deliver 45% more energy in the same space over 25 years in real-world conditions like partial shade and high temperatures. [2]

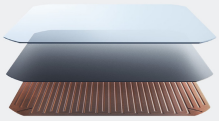


Better Reliability, Better Warranty

With more than 25 million panels deployed around the world, SunPower technology is proven to last. That's why we stand behind our panel with an exceptional 25-year Combined Power and Product Warranty, including the highest Power Warranty in solar.



Fundamentally Different. And Better.



The SunPower Maxeon® Solar Cell

- Enables highest efficiency panels available [2]
- Unmatched reliability [3]
- Patented solid metal foundation prevents breakage and corrosion

As Sustainable As Its Energy

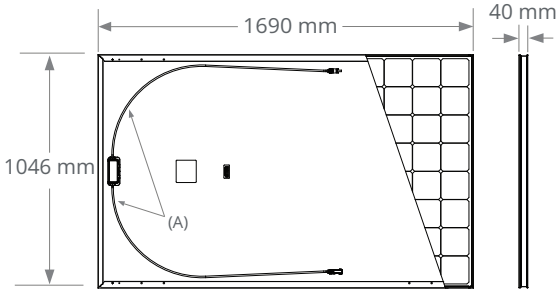
- Ranked #1 in Silicon Valley Toxics Coalition Solar Scorecard [4]
- First solar panels to achieve Cradle to Cradle Certified™ Silver recognition [5], *pending*
- Contributes to more LEED categories than conventional panels [6]

MAXEON® 2 | 360 W Residential Solar Panel

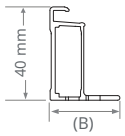
Electrical Data			
	SPR-MAX2-360	SPR-MAX2-350	SPR-MAX2-340
Nominal Power (Pnom) [7]	360 W	350 W	340 W
Power Tolerance	+5/0%	+5/0%	+5/0%
Panel Efficiency	20.4%	19.8%	19.2%
Rated Voltage (Vmpp)	59.1 V	57.9 V	56.6 V
Rated Current (Impp)	6.09 A	6.05 A	6.00 A
Open-Circuit Voltage (Voc)	70.6 V	70.3 V	70.0 V
Short-Circuit Current (Isc)	6.50 A	6.48 A	6.46 A
Max. System Voltage	1000 V IEC		
Maximum Series Fuse	20 A		
Power Temp Coef.	−0.35% / ° C		
Voltage Temp Coef.	−197.6 mV / ° C		
Current Temp Coef.	2.6 mA / ° C		

Operating Condition And Mechanical Data	
Temperature	−40° C to +85° C
Impact Resistance	25 mm diameter hail at 23 m/s
Solar Cells	104 Monocrystalline Maxeon Gen II
Tempered Glass	High-transmission tempered anti-reflective
Junction Box	IP-65, Stäubli (MC4), 3 bypass diodes
Weight	19 kg
Max. Load [10]	Wind: 4000 Pa, 408 kg/m² front & back Snow: 6000 Pa, 611 kg/m² front
Frame	Class 1 black anodised (highest AAMA rating)

Tests And Certifications	
Standard Tests [8]	IEC 61215, IEC 61730
Quality Management Certs	ISO 9001:2015, ISO 14001:2015
EHS Compliance	RoHS (Pending), OHSAS 18001:2007, lead free, REACH SVHC-163 (Pending)
Sustainability	Cradle to Cradle Certified™ (Pending)
Ammonia Test	IEC 62716
Desert Test	10.1109/PVSC.2013.6744437
Salt Spray Test	IEC 61701 (maximum severity)
PID Test	1000 V: IEC 62804
Available Listings	TUV [9]



FRAME PROFILE



A. Cable Length: 1200 mm +/-10 mm
B. LONG SIDE: 32 mm
SHORT SIDE: 24 mm

Please read the safety and installation guide.

1 SunPower 360 W, 20.4% efficient, compared to a Conventional Panel on same-sized arrays (260 W, 16% efficient, approx. 1.6 m²), 7.9% more energy per watt (based on PVSyst pan files for avg EU climate), 0.5%/yr slower degradation rate (Jordan, et. al. "Robust PV Degradation Methodology and Application." PVSC 2018).
2 DNV "SunPower Shading Study," 2013. Compared to a conventional front contact panel.
3 #1 rank in "Fraunhofer PV Durability Initiative for Solar Modules: Part 3". PVTech Power Magazine, 2015.
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 Maxeon2 and Maxeon3 panels additionally contribute to LEED Materials and Resources credit categories.
7 Standard Test Conditions (1000 W/m² irradiance, AM 1.5, 25° C). NREL calibration Standard: SOMS current, LACCS FF and Voltage.
8 Class C fire rating per IEC 61730.
9 Also certified under names SPR-EYY-XXX.
10 Calculated with a 1.5 Safety Factor.

SUNPOWER®
MAXEON®