

20% EFFICIENCY

SunPower E20 panels are the highest efficiency panels on the market today, providing more power in the same amount of space

TRANSFORMERLESS INVERTER COMPATIBILITY

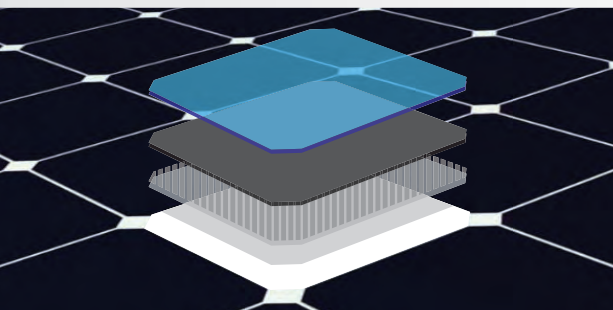
Comprehensive inverter compatibility ensures that customers can pair the highest-efficiency panels with the highest-efficiency inverters, maximising system output

POSITIVE POWER TOLERANCE

Positive tolerance ensures customers receive the rated power or higher for every panel

RELIABLE AND ROBUST DESIGN

SunPower's unique Maxeon™ cell technology and advanced module design ensure industry-leading reliability



MAXEON™ CELL TECHNOLOGY

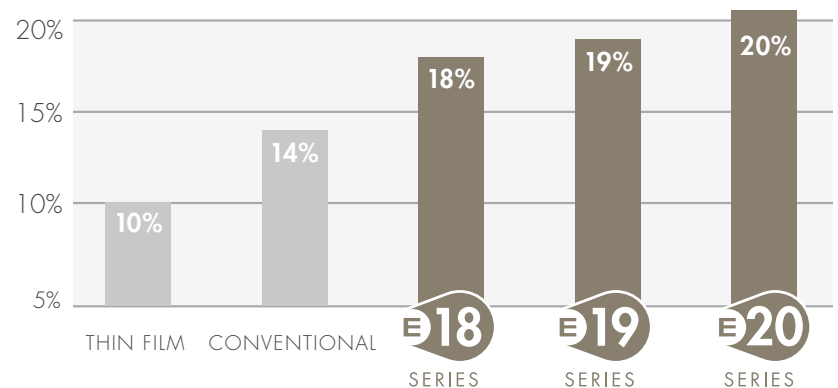
Patented all-back-contact solar cell, providing the industry's highest efficiency and reliability.



THE WORLD'S STANDARD FOR SOLAR™

SunPower™ E20 Solar Panels provide today's highest efficiency and performance. Powered by SunPower Maxeon™ cell technology, the E20 series provides panel conversion efficiencies of up to 20.1%. The E20's low voltage temperature coefficient, anti-reflective glass and exceptional low-light performance attributes provide outstanding energy delivery per peak power watt.

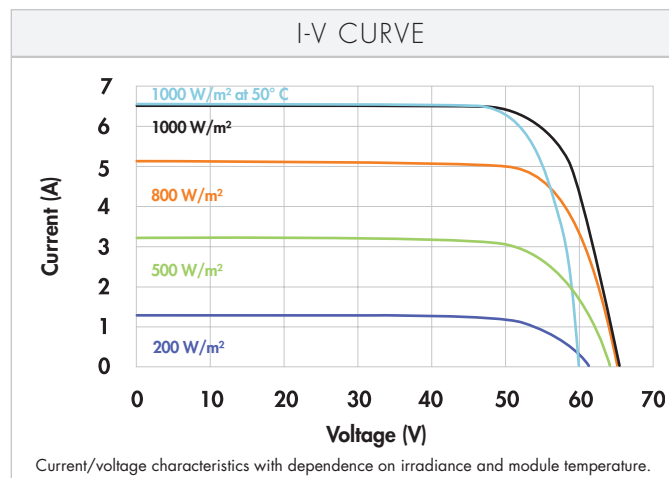
SUNPOWER'S HIGH EFFICIENCY ADVANTAGE



MODEL: SPR-327NE-WHT-D

ELECTRICAL DATA		
Measured at Standard Test Conditions (STC): Irradiance 1000W/m ² , AM 1.5, and cell temperature 25° C		
Nominal Power (+5/-0%)	P _{nom}	327 W
Cell Efficiency	η	22.5 %
Panel Efficiency	η	20.1 %
Rated Voltage	V _{mpp}	54.7 V
Rated Current	I _{mpp}	5.98 A
Open-Circuit Voltage	V _{oc}	64.9 V
Short-Circuit Current	I _{sc}	6.46 A
Maximum System Voltage	IEC	1000 V
Temperature Coefficients	Power (P)	- 0.38 %/K
	Voltage (V _{oc})	- 176.6 mV/K
	Current (I _{sc})	3.5 mA /K
NOCT		45° C +/- 2° C
Series Fuse Rating		20 A
Limiting Reverse Current (3 strings)	I _R	16.2 A
Grounding		Positive grounding not required

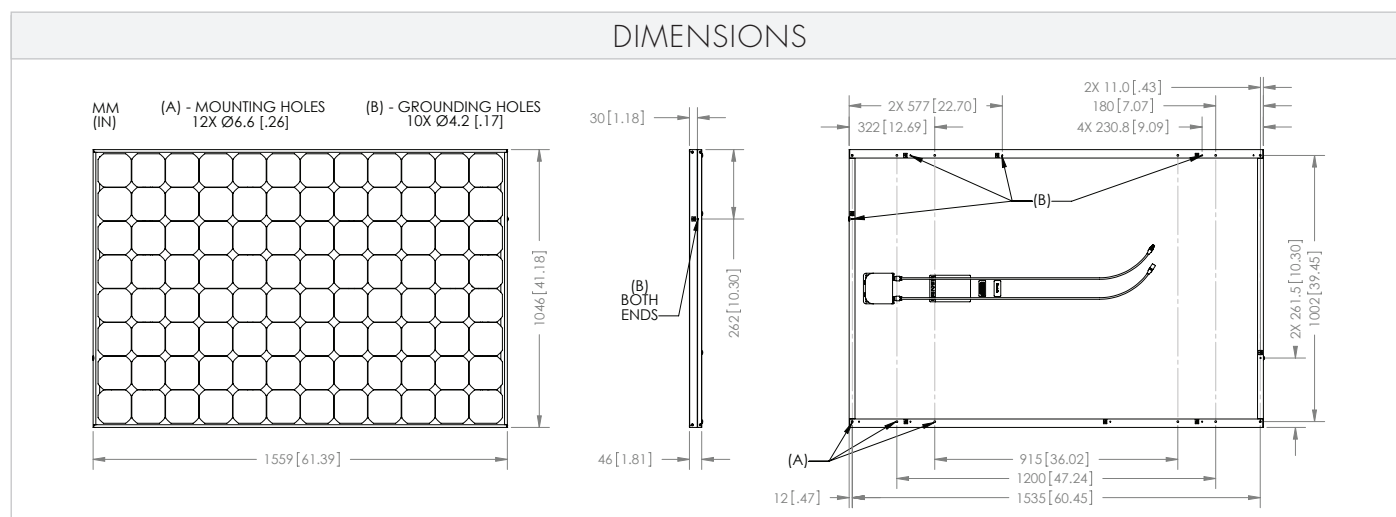
ELECTRICAL DATA		
Measured at Nominal Operating Cell Temperature (NOCT): Irradiance 800W/m ² , 20° C, wind 1 m/s		
Nominal Power	P _{nom}	243 W
Rated Voltage	V _{mpp}	50.4 V
Rated Current	I _{mpp}	4.82 A
Open-Circuit Voltage	V _{oc}	60.8 V
Short-Circuit Voltage	I _{sc}	5.22 A



TESTED OPERATING CONDITIONS	
Temperature	- 40° C to +85° C
Max load	550 kg/m ² (5400 Pa), front (e.g. snow) w/specified mounting configurations 245 kg/m ² (2400 Pa) front and back (e.g. wind)
Impact Resistance	Hail: 25 mm at 23 m/s

WARRANTIES AND CERTIFICATIONS	
Warranties	25 year linear power warranty 25 year limited product warranty
Certifications	IEC 61215 Ed. 2, IEC 61730 (SCII), MCS

MECHANICAL DATA		
Cells	96 SunPower Maxeon™ cells	
Front Glass	High-transmission tempered glass with anti-reflective (AR) coating	
Junction Box	IP-65 rated with 3 bypass diodes 32 x 155 x 128 mm	
Output Cables	1000 mm cables / Amphenol (Helios H4) connectors	
Frame	Anodised aluminium alloy type 6063 (black)	
Weight	18.6 kg	



Please read safety and installation instructions before using this product, visit sunpowercorp.com for more details.

THE SUNPOWER® 25-YEAR COMBINED WARRANTY

THE SUNPOWER DIFFERENCE

Since 1985, it has been the SunPower mission to provide the most reliable and efficient solar systems available. With more than seven million panels powering the globe, SunPower has proven the durability and reliability of our panels. We credit our success to the unique design of our patented SunPower® Maxeon™ solar cell technology and our network of more than 2,000 expert partners whose top priority is keeping our customers powered. By offering the industry's first combined power and product warranty, we are underlining our continuing commitment to deliver the best solar experience in the market.

THE DESIGN DIFFERENCE

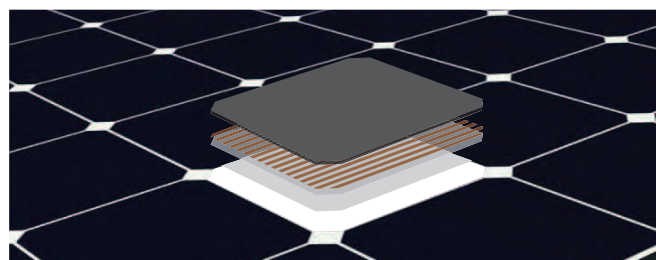
SunPower Maxeon solar cell technology

The design of SunPower Maxeon solar cells is unique because each cell is built on a solid copper foundation — providing the strength and durability to survive conditions that panels are subjected to year after year.

THE SUNPOWER WARRANTY

25 years of coverage without inconvenience

SunPower is proud to offer a warranty as efficient and dependable as our technology. In the unlikely event you have an under-performing panel, SunPower will work with our partners to repair or replace and install it. With SunPower it is as simple as a phone call.



SUNPOWER MAXEON SOLAR CELL TECHNOLOGY

Non SunPower cells use a low-cost metal paste on the front and back-sides to conduct the power generated by the cell. SunPower Maxeon cells are built on a solid copper foundation, enabling them to handle the additional power each cell generates. This unique design makes the cells practically immune to the cracking and corrosion that causes standard solar cells to steadily lose power over time or completely fail.

COVERED ¹	SUNPOWER PANELS	OTHER PANELS
Covers removal of bad panel?	✓	No
Covers shipping?	✓	No
Covers new panel installation?	✓	No
Product warranty term	25 years	10 years

THE SUNPOWER® 25-YEAR COMBINED WARRANTY

SUNPOWER SIMPLICITY

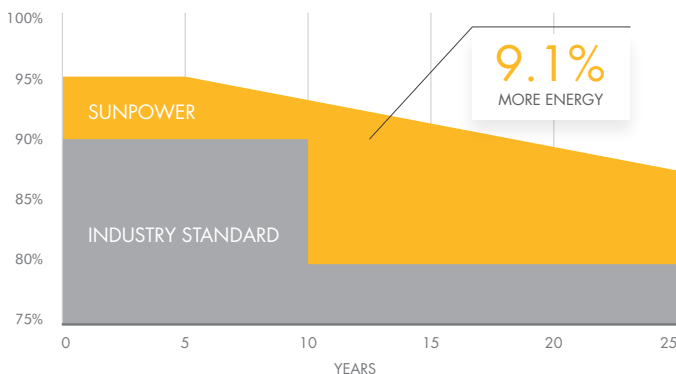
By combining power and product coverage in one warranty, we have eliminated concern about the difference between manufacturing defects and power output. We give you one combined warranty, with no fine print. If an issue ever arises with your solar solution, simply contact SunPower. Whether you work with a partner or contact SunPower directly, we will go above and beyond to restore your system as quickly as possible.

- With over seven million panels installed, fewer than 180 have not met our performance standards²
- Our global network of more than 2,000 highly trained partners are available to serve you
- Our long-term financial stability ensures we will be there for you for many years to come

YOU ARE COVERED

Our 25-year Combined Warranty sets a new standard for the industry in overall coverage with guarantees of high performance and repair of under-performing panels.

Power Guarantee



- More lifetime energy: 9.1% above the industry standard
- More power: at least 95% of the Minimum Peak Power for the first five years
- Less than 0.4% annual degradation for the subsequent 20 years

Product Warranty



- The solar industry's first 25 year product and power coverage
- Coverage of warranty replacement costs³
- Financial stability and product reliability to back our commitment

Backing by SunPower gives you the peace of mind to know that your system is built with SunPower Maxeon solar cells and durable materials designed to withstand harsh conditions for decades. The SunPower Combined Warranty represents our pledge to you that our panels are the best you can buy.

1. If installed by a SunPower Authorised Partner. 2. All post-system-commissioning returns worldwide for panels built with Gen 2 Maxeon cells.

3. Some exclusions apply. Please see the warranty for more details.

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