

18% EFFICIENCY

SunPower's signature black™ panels provide the highest efficiency for their product class and a sleek, black appearance

MAXIMUM SYSTEM OUTPUT

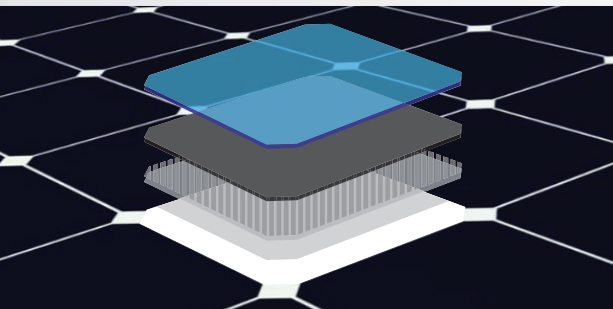
Comprehensive inverter compatibility ensures that customers can pair the highest-efficiency panels with the highest-efficiency inverters, maximizing system output

REDUCED INSTALLATION COST

More power per panel means fewer panels per install. This saves both time and money.

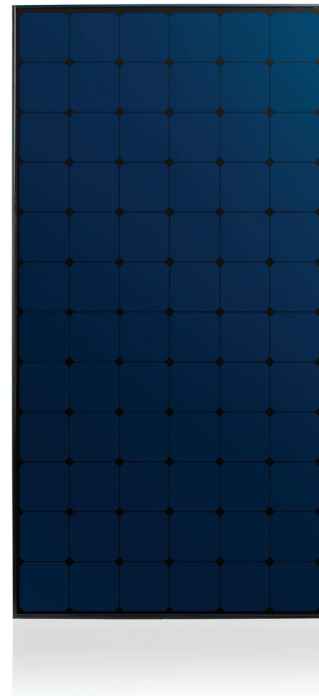
RELIABLE AND ROBUST DESIGN

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.

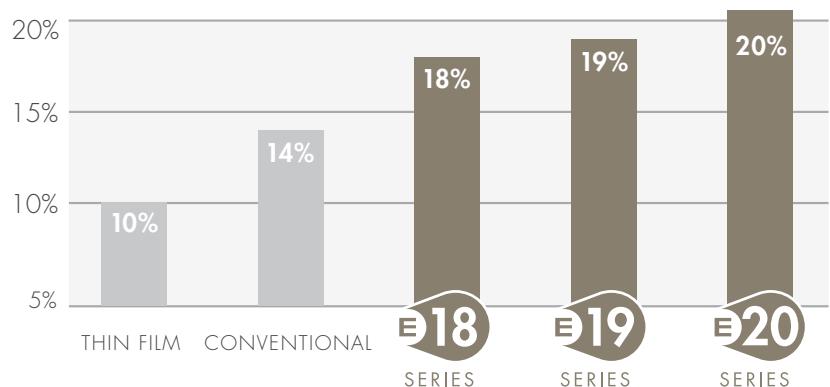


E18
SERIES

THE WORLD'S STANDARD FOR SOLAR™

SunPower™ E18 Solar Panels provide today's high efficiency and performance. Powered by SunPower Maxeon™ cell technology, the E18 series provides panel conversion efficiencies of up to 18.5%. The E18's low voltage temperature coefficient and exceptional low-light performance attributes provide outstanding energy delivery per peak power watt.

SUNPOWER'S HIGH EFFICIENCY ADVANTAGE



sunpowercorp.com



MODEL: SPR-230NE-BLK-D

ELECTRICAL DATA

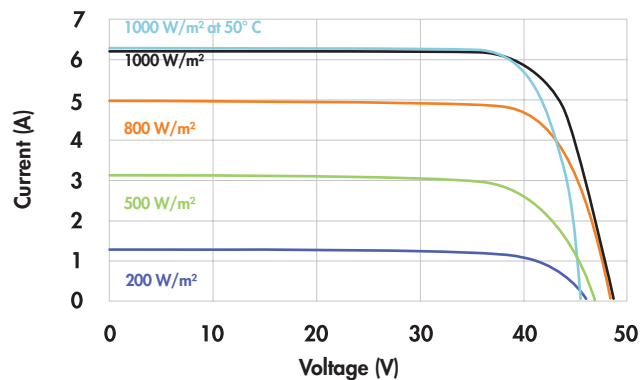
Measured at Standard Test Conditions (STC): irradiance of 1000W/m², AM 1.5, and cell temperature 25° C

Peak Power (+5/-3%)	P _{max}	230 W
Cell Efficiency	η	22.7 %
Panel Efficiency	η	18.5 %
Rated Voltage	V _{mpp}	40.5 V
Rated Current	I _{mpp}	5.68 A
Open-Circuit Voltage	V _{oc}	48.2 V
Short-Circuit Current	I _{sc}	6.05 A
Maximum System Voltage	UL	600 V
Temperature Coefficients	Power (P)	- 0.38%/K
	Voltage (V _{oc})	-132.5 mV/K
	Current (I _{sc})	3.5 mA/K
NOCT		46° C +/ -2° C
Series Fuse Rating		20 A
Grounding		Positive grounding not required

MECHANICAL DATA

Solar Cells	72 SunPower Maxeon™ cells
Front Glass	High-transmission tempered glass
Junction Box	IP-65 rated with 3 bypass diodes Dimensions: 32 x 155 x 128 mm
Output Cables	1000 mm cables / MC4 compatible connectors
Frame	Anodized aluminum alloy type 6063 (black)
Weight	33.1 lbs. (15.0 kg)

I-V CURVE



TESTED OPERATING CONDITIONS

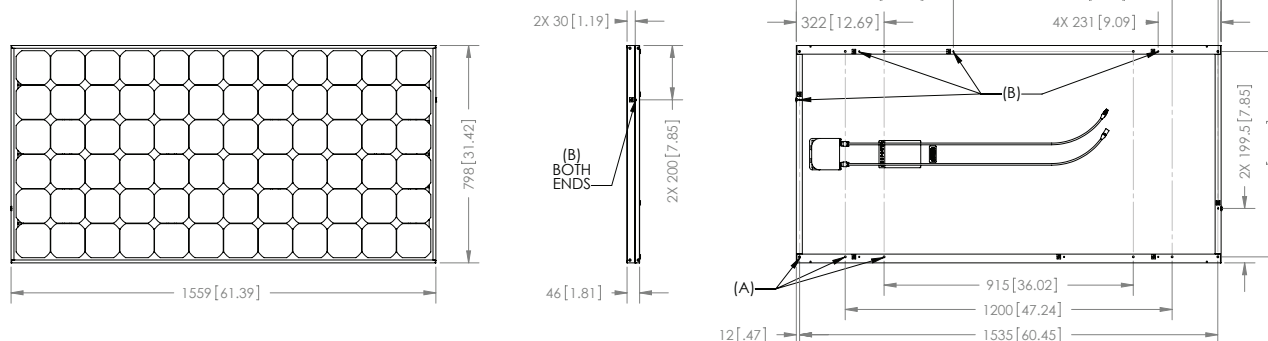
Temperature	- 40° F to +185° F (- 40° C to + 85° C)
Max load	113 psf 550 kg/m ² (5400 Pa), front (e.g. snow) w/specified mounting configurations 50 psf 245 kg/m ² (2400 Pa) front and back (e.g. wind)
Impact Resistance	Hail: (25 mm) at 51mph (23 m/s)

WARRANTIES AND CERTIFICATIONS

Warranties	25-year limited power warranty 10-year limited product warranty
Certifications	Tested to UL 1703. Class C Fire Rating

DIMENSIONS

MM (IN) (A) - MOUNTING HOLES 12X Ø6.6 [.26] (B) - GROUNDING HOLES 10X Ø4.2 [.17]



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