20% EFFICIENCY
SunPower E20 panels are the highest efficiency panels on the market today, providing more power in the same amount of space.

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.

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

MAXEON™ CELL TECHNOLOGY
Patented all-back-contact solar cell, providing the industry’s highest efficiency and reliability.

sunpowercorp.com
**ELECTRICAL DATA**

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

- **Peak Power (+5/-3%)** $P_{\text{max}}$ 327 W
- **Cell Efficiency** $\eta$ 22.5 %
- **Panel Efficiency** $\eta$ 20.1 %
- **Rated Voltage** $V_{\text{mp}}$ 54.7 V
- **Rated Current** $I_{\text{mp}}$ 5.98 A
- **Open Circuit Voltage** $V_{\text{OC}}$ 64.9 V
- **Short Circuit Current** $I_{\text{SC}}$ 6.46 A
- **Maximum System Voltage** UL 600 V
- **Temperature Coefficients**
  - Power (P) $-0.38\%/K$
  - Voltage ($V_{\text{OC}}$) $-176.6\text{mV}/K$
  - Current ($I_{\text{SC}}$) 3.5mA/K
- **NOCT** 45° C $\pm$ 2° C
- **Series Fuse Rating** 20 A
- **Grounding** Positive grounding not required

**MECHANICAL DATA**

- **Solar 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
  - Dimensions: 32 x 155 x 128 mm
- **Output Cables** 1000 mm cables / Multi-Contact (MC4) connectors
- **Frame** Anodized aluminum alloy type 6063 (black)
- **Weight** 41.0 lbs (18.6 kg)

**I-V CURVE**

Current/voltage characteristics with dependence on irradiance and module temperature.

**TESTED OPERATING CONDITIONS**

- **Temperature** $-40°\text{ F to }+185°\text{ F}$ ($-40°\text{ C to }+85°\text{ C}$)
- **Max load** 113 psf 550 kg/m² (5400 Pa), front (e.g. snow) w/specification mounting configurations
  - 50 psf 245 kg/m² (2400 Pa) front and back (e.g. wind)
- **Impact Resistance** Hail: (25 mm) at 51 mph (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**

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