

BENEFITS

High Efficiency

Industry leading panel efficiency of 16.5%

Attractive Design

Unique design combines high efficiency and an elegant, all-black appearance

More Power

Delivers up to 50% more power per unit area than conventional solar panels

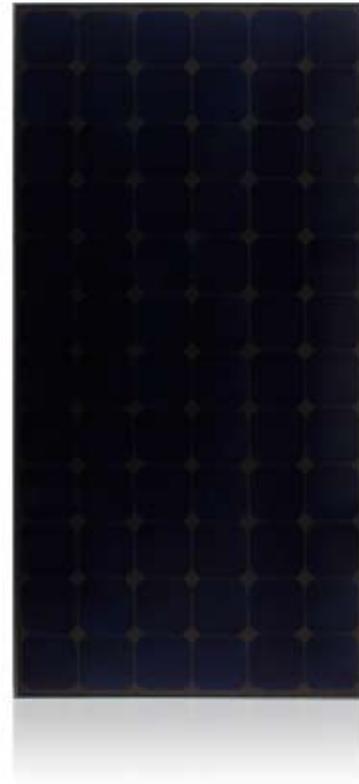
Reliable and Robust Design

Proven materials, tempered front glass, and a sturdy anodized frame allow panel to operate reliably in multiple mounting configurations



205 SOLAR PANEL

EXCEPTIONAL EFFICIENCY AND APPEARANCE



The SunPower 205 Solar Panel provides a revolutionary combination of high efficiency and attractive, uniform appearance. Utilizing 72 next generation SunPower all-back contact solar cells and an all-black backsheet, the SunPower 205 elegantly delivers an unprecedented total panel conversion efficiency of 16.5%. The panel's reduced voltage-temperature coefficient and exceptional low-light performance attributes provide far higher energy delivery per peak power than conventional panels.

SunPower's High Efficiency Advantage - up to 50% More Power

| Comparable systems covering 25 m ² / 270 ft ² | | |
|---|--------------|----------|
| | Conventional | SunPower |
| Watts / Panel | 165 | 205 |
| Efficiency | 12.0% | 16.5% |
| kWs | 3.0 | 4.1 |

Electrical Data

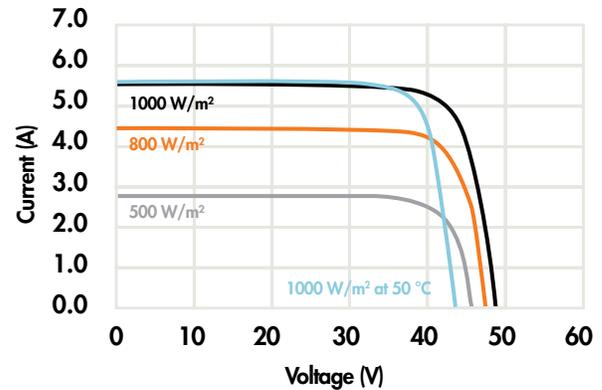
Measured at Standard Test Conditions (STC): irradiance of 1000 W/m², air mass 1.5g, and cell temperature 25 C

| | | |
|--------------------------|---------------|---|
| Peak Power (+/-5%) | Pmax | 205 W |
| Rated Voltage | Vmp | 40.0 V |
| Rated Current | Imp | 5.13 A |
| Open Circuit Voltage | Voc | 47.8 V |
| Short Circuit Current | Isc | 5.53 A |
| Maximum System Voltage | IEC, UL | 1000 V, 600 V |
| Temperature Coefficients | | |
| | Power | -0.38% /° C |
| | Voltage (Voc) | -132.5m V/° C |
| | Current (Isc) | 3.5m A/° C |
| Series Fuse Rating | | 15 A |
| Peak Power per Unit Area | | 169 W/m ² , 15.3 W/ft ² |
| CEC PTC Rating | | 189.0 W |

Mechanical Data

| | |
|---------------|--|
| Solar Cells | 72 SunPower all-back contact monocrystalline |
| Front Glass | 3.2mm (1/8 in.) tempered |
| Junction Box | IP-65 rated with 3 bypass diodes |
| Output Cables | 900mm length / MultiContact connectors |
| Frame | Anodized aluminum alloy type 6063 |
| Weight | 15kg, 33lbs |

IV Curve



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

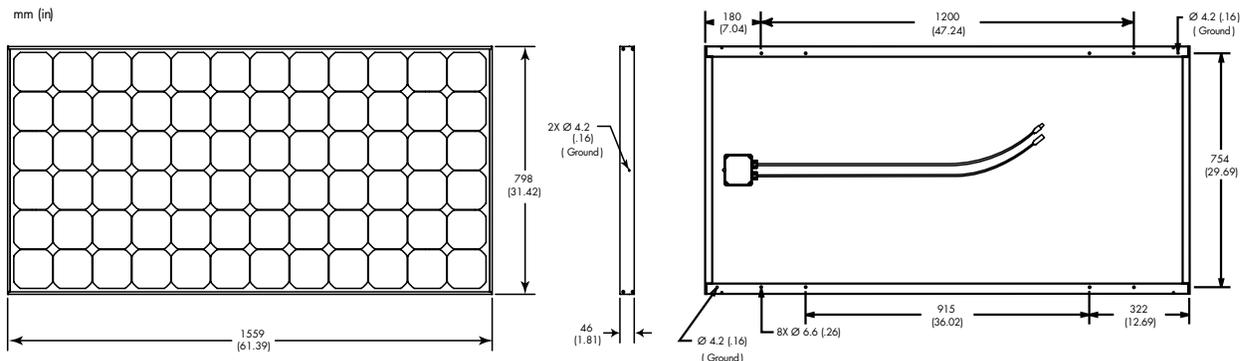
Tested Operating Conditions

| | |
|-------------------|--|
| Temperature | -40° C to +90° C (-40° F to +194° F) |
| Max load | 50 psf (2400 pascals) front and back |
| Impact Resistance | Hail -25 mm (1 in.) at 23 m/s (52 mph) |

Warranty and Certifications

| | |
|----------------|--|
| Warranty | 25 year limited power warranty 10 year limited product warranty |
| Certifications | IEC 61215 , Safety tested IEC 61730; UL listed (UL 1703), Class C Fire Rating |

Dimensions



CAUTION: READ SAFETY AND INSTALLATION INSTRUCTIONS BEFORE USING THE PRODUCT. Go to www.sunpowercorp.com/panels for details

About SunPower

SunPower designs, manufactures and delivers high-performance solar electric technology worldwide. Our high-efficiency solar cells generate up to 50 percent more power than conventional solar cells. Our high-performance solar panels, roof tiles and trackers deliver significantly more energy than competing systems.