

## SPR-205-BLK RESIDENTIAL PV MODULE

The SunPower SPR-205-BLK is designed specifically for on-grid residential systems where a combination of high module efficiency and outstanding appearance is desirable. Utilizing 72 series-connected A-300 solar cells, the SPR-205-BLK delivers industry-leading power density in a unique all-black module package with exceptionally uniform appearance.


**SunPower modules—innovative design, proven materials, outstanding performance.**

### FEATURES & BENEFITS

- All-black module package eliminates harsh reflections and other noticeable cosmetic module features to provide optimum array appearance
- Unique all-back contact solar cells with conversion efficiency up to 21.5%
- Low voltage temperature coefficient, exceptional low-light performance, and high sensitivity to light across the entire solar spectrum maximize yearly energy delivery
- Highest quality, high-transmission tempered glass provides enhanced stiffness and impact resistance
- Aerospace style cell interconnects with in-plane strain relief provide extremely high reliability
- Advanced EVA encapsulation system with multi-layer backsheets meets the most stringent safety requirements for high-voltage operation
- A sturdy, black anodized aluminum frame allows modules to be easily roof-mounted with a wide variety of standard mounting systems



**SPR-205-BLK RESIDENTIAL PV MODULE**  
An unequalled combination of power and grace

 LISTED UL 1703, Class C Fire Rating

 IEC 61215, Safety Class II Certified

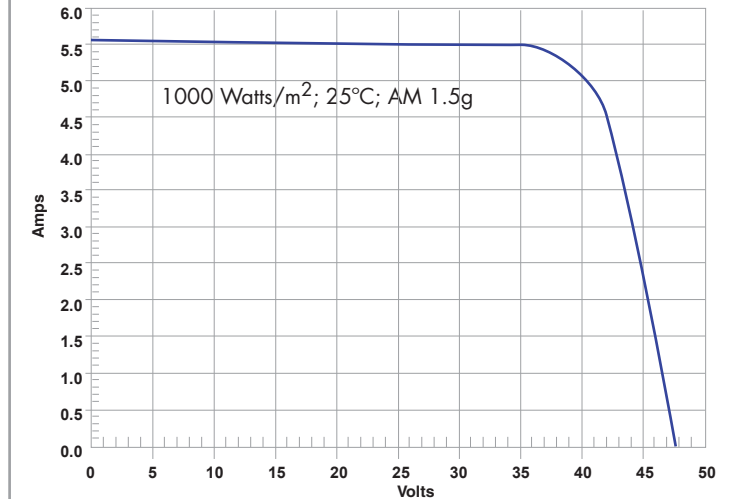
## SPR-205-BLK RESIDENTIAL PV MODULE

### ELECTRICAL CHARACTERISTICS AT STANDARD TEST CONDITIONS (STC)

STC is defined as: irradiance of 1000W/m<sup>2</sup>, spectrum AM 1.5g and cell temperature of 25°C

Peak Power <sup>1,2</sup>	P <sub>max</sub>	205W
Rated Voltage	V <sub>mp</sub>	40.0V
Rated Current	I <sub>mp</sub>	5.13A
Open Circuit Voltage	V <sub>oc</sub>	47.8V
Short Circuit Current	I <sub>sc</sub>	5.53A
Series Fuse Rating		15A
Maximum System Voltage		600V (UL)
		1000V (IEC)
Temperature Coefficients	Power	-0.38%/°C
	Voltage (V <sub>oc</sub> )	-136.8mV/°C
	Current (I <sub>sc</sub> )	3.5mA/°C
Module Efficiency		16.5%
Peak Power per Unit Area		15.3W/sq.ft. ; 165W/m <sup>2</sup>
PTC Rating		189W

### IV CURVE



<sup>1</sup> Peak Power Tolerance: +/- 5%

<sup>2</sup> Power guaranteed for 25 years. See SunPower Limited Warranty for details.

### MECHANICAL SPECIFICATIONS

Length	61.39 in x 31.42 in [1559 mm x 798mm]
Thickness, including junction box	1.81 in [46 mm]
Weight	33 lbs [15 kg]

### DIMENSIONS

