

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

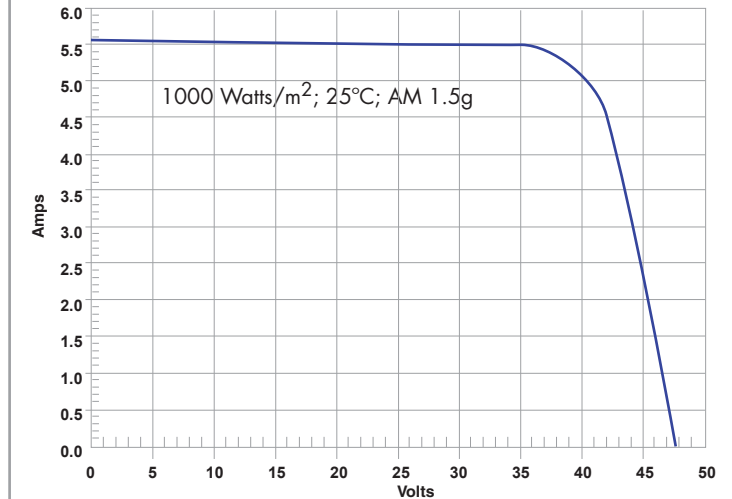
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ELECTRICAL CHARACTERISTICS AT STANDARD TEST CONDITIONS (STC)

STC is defined as: irradiance of 1000W/m², spectrum AM 1.5g and cell temperature of 25°C

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

IV CURVE



¹ Peak Power Tolerance: +/- 5%

² 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

