

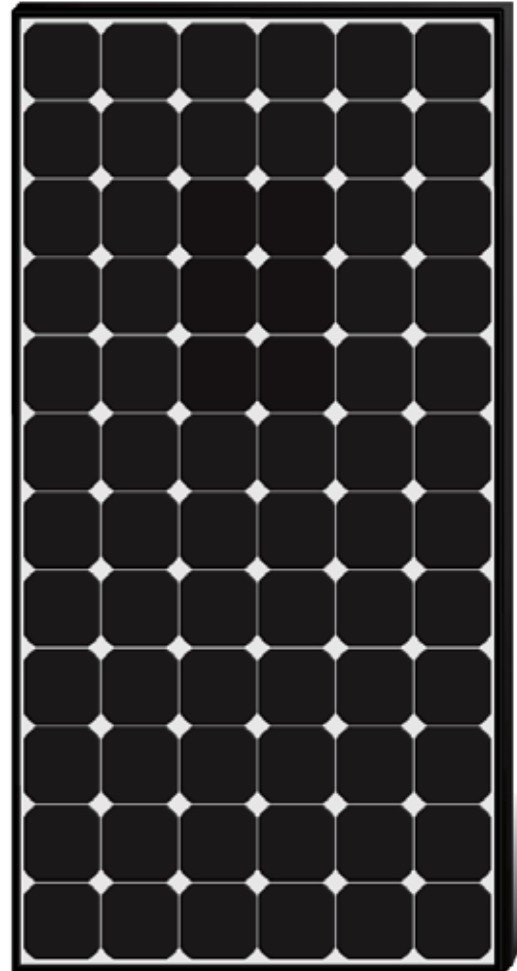
## SPR-220 HIGH EFFICIENCY PV MODULE

The SunPower SPR-220 module is designed for use in on-grid residential and commercial systems where the highest module efficiency and energy delivery are critical. Utilizing 72 series-connected A-300 solar cells, the SPR-220 delivers extremely high power density with total module efficiency approaching 18%. Reduced voltage-temperature coefficient, exceptional low-light performance and high sensitivity to light across the entire solar spectrum mean maximum yearly energy harvest.

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

### FEATURES & BENEFITS

- Unique all-back contact solar cells with conversion efficiency up to 21.5%
- Low voltage-temperature coefficient enhances high-temperature operation
- 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
- Superior aesthetics - back contact cells with no front side gridlines and a black anodized frame
- Aerospace style cell interconnects with in-plane strain relief provide extremely high reliability
- Advanced EVA encapsulation system with multi-layer backsheet meets the most stringent safety requirements for high-voltage operation
- A sturdy, black anodized aluminium frame allows modules to be easily roof-mounted with a variety of standard mounting systems



**SPR-220 HIGH EFFICIENCY PV MODULE**  
Unprecedented power density and exceptional energy production per peak kW



LISTED UL 1703, Class C Fire Rating



IEC 61215, Safety Class II Certified

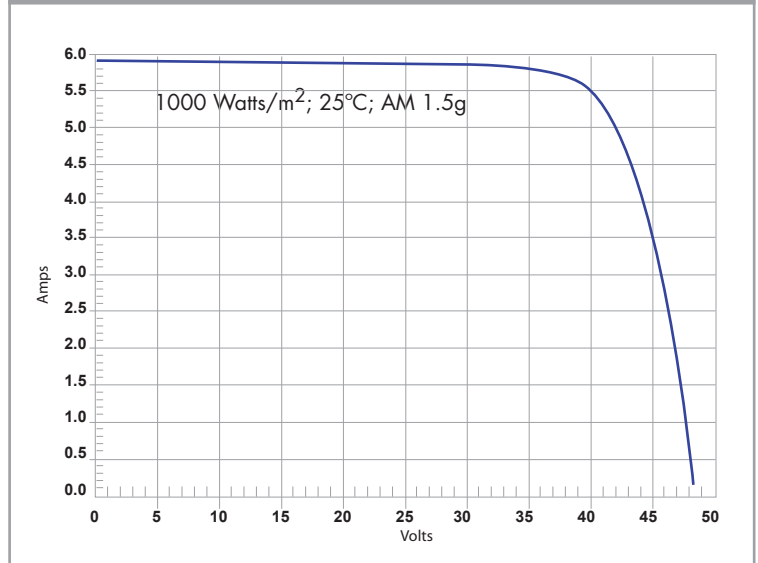
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### ELECTRICAL CHARACTERISTICS AT STANDARD TEST CONDITIONS (STC)

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

Peak Power <sup>1,2</sup>	P <sub>max</sub>	220W
Rated Voltage	V <sub>mp</sub>	39.8V
Rated Current	I <sub>mp</sub>	5.53A
Open Circuit Voltage	V <sub>oc</sub>	48.3V
Short Circuit Current	I <sub>sc</sub>	5.95A
Series Fuse Rating		15A
Maximum System Voltage		600V (UL)
		1000V (IEC)
Temperature Co-efficients	Power	-0.38%/°C
	Voltage	-136.8mV/°C
	Current	2.3mA/°C
Module Efficiency		17.7%
PTC Rating		203.2W

### IV CURVE



<sup>1</sup> Peak Power Tolerance: +/- 8%

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

### MECHANICAL SPECIFICATIONS

Length (mm) x Width (mm)	1559 x 798
Thickness, including junction box (mm)	46
Weight (kg)	15

### DIMENSIONS

