

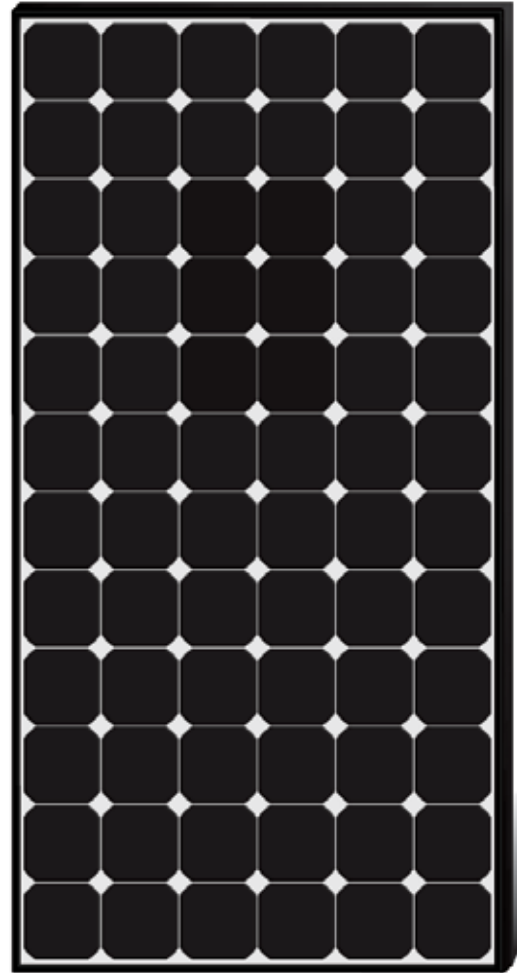
SPR-220 HIGH EFFICIENCY PV MODULE

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 industry leading 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 aluminum 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

SPR-220 RESIDENTIAL PV MODULE

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}	220W
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Rated Voltage	V _{mp}	39.8V
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Rated Current	I _{mp}	5.53A
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Open Circuit Voltage	V _{oc}	48.3V
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Short Circuit Current	I _{sc}	5.95A
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Series Fuse Rating	15A
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Maximum System Voltage	600V (UL)
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1000V (IEC)

Temperature Coefficients	Power	-0.38%/°C
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	Voltage	-136.8mV/°C
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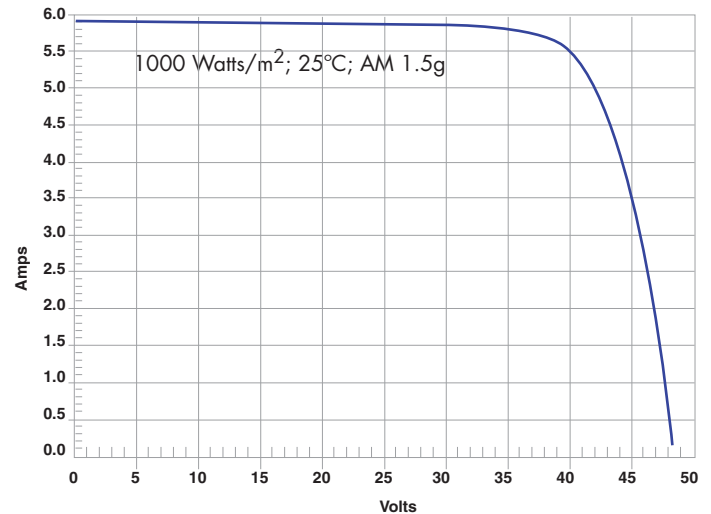
	Current	2.3mA/°C
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Module Efficiency	17.7%
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Peak Power per Unit Area	16.4W/sq.ft. ; 177W/m ²
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PTC Rating	203.2W
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IV CURVE



¹ Peak Power Tolerance: +/- 8%

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]
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Thickness, including junction box	1.81 in [46 mm]
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Weight	33 lbs [15 kg]
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DIMENSIONS

