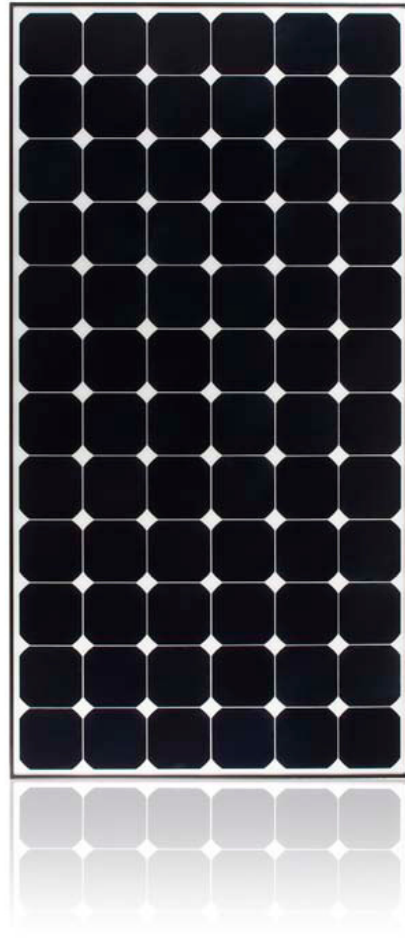


SunPower 215 Solar Panel

Exceptional efficiency and performance

The SunPower 215 Solar Panel provides industry leading efficiency and performance. Utilising 72 next generation SunPower all-back contact solar cells and an optimised panel design, the SunPower 215 delivers an unprecedented total panel conversion efficiency of 17.3%. The 215 panel's reduced voltage-temperature coefficient and exceptional low-light performance attributes provide far higher energy delivery per peak power than conventional panels.



FEATURES

» **High Efficiency**

Industry leading panel efficiency of 17.3%

» **More Power**

Delivers up to 50% more power per unit area than conventional solar panels and 100% more than thin film solar panels

» **Reduces Installation Cost**

More power per panel means fewer panels per install. This saves both time and money

» **Reliable and Robust Design**

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

SunPower's High Efficiency Advantage - Up to Twice the Power

Comparable systems covering 1000 m² / 10,750 ft²

	Thin Film	Conventional	SunPower
Watts / Panel	65	165	215
Efficiency	9.0%	12.0%	17.3%
kWs	90	120	173



Melbourne

Sydney

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Launceston

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Electrical Data

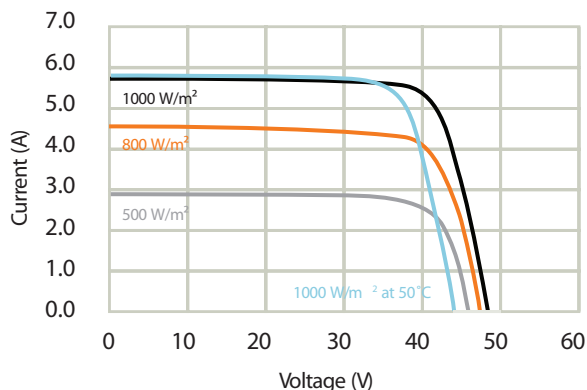
Measured at Standard Test Conditions (STC): irradiance of 1000/m², air mass 1.5g, and cell temperature 25 C

Peak Power (+/-5%)	Pmax	215 W
Rated Voltage	Vmp	39.8 V
Rated Current	Imp	5.40 A
Open Circuit Voltage	Voc	48.3 V
Short Circuit Current	Isc	5.80 A
Maximum System Voltage	IEC, UL	1000 V, 600 V
Temperature Coefficients		
	Power	-0.38% /°C
	Voltage (Voc)	-136.8 mV/°C
	Current (Isc)	3.5 mA/°C
Series Fuse Rating		15 A
Peak Power per Unit Area		173 W/m ² , 16.1 W/ft ²
CEC PTC Rating		198.5 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 cable / Multi Contact connectors
Frame	Anodized aluminum alloy type 6063
Weight	15kg, 33lbs

IV Curve



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

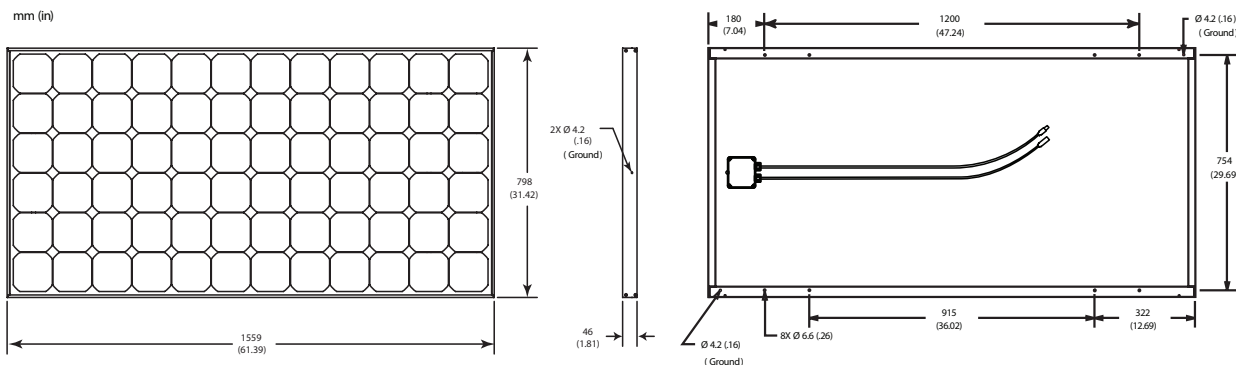
Tested Operating Conditions

Temperature	- 40° C to +90° C (-40° F to +194° F)
Max load	50 psf (2400 pascals) front and back
Impact Resistance	Hail -25mm (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.energymatters.com.au for details

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