



Electrical Data

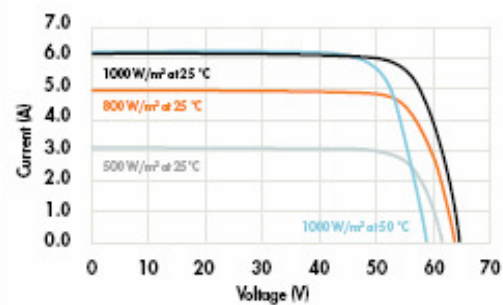
Measured at Standard Test Conditions (STC): Irradiance of 1000 W/m², air mass 1.5g, and cell temperature 25° C

Peak Power (+/-5%)	P _{max}	315 W
Rated Voltage	V _{mp}	54.7 V
Rated Current	I _{mp}	5.76 A
Open Circuit Voltage	V _{oc}	64.6 V
Short Circuit Current	I _{sc}	6.14 A
Maximum System Voltage	IEC, UL	1000 V, 600 V
Temperature Coefficients	Power	-0.38% /°C
	Voltage (V _{oc})	-176.6 mV/°C
	Current (I _{sc})	3.5 mA/°C
Series Fuse Rating		15 A
Peak Power per Unit Area		193 W/m ² , 17.9 W/ft ²
CEC PTC Rating		291.6 W

Mechanical Data

Solar Cells	96 SunPower all back-contact monocrystalline
Front Glass	4.0mm (5/32 in) tempered
Junction Box	IP-65 rated with 3 bypass diodes
Output Cables	900 mm length cables / Multi-Contact connectors
Frame	Anodized aluminum alloy type 6063
Weight	24 kg, 53 lbs

IV Curve



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

Tested Operating Conditions

Temperature	-40° C to +85° C [-40° F to +185° F]
Max load	50 psf [2400 Pascals] front and back
Impact Resistance	Hail - 25 mm [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

