

sunpower-161.7mm GEN5

monocrystalline silicon solar cell

PHYSICAL CHARACTERISTICS	Dimension	161.7*161.7mm
	Wafer Thickness	151μm +/- 6μm
	Wafer:	Monocrystalline silicon
	Design	All back contact
	Cell Area	Approximately 258.3cm ²
	Front	Uniform, black antireflection coating
	Back	Tin-coated, copper metal grid

TYPICAL ELECTRICAL CHARACTERISTICS

Efficiency Code	2260	2450	2510
Efficiency(%)	22.60	24.50	25.10
Pmax(W)	5.840	6.330	6.470
Vmp(V)	0.591	0.620	0.630
Imp(A)	9.882	10.210	10.270
Voc(V)	0.697	0.732	0.743
Isc(A)	10.870	11.231	11.297

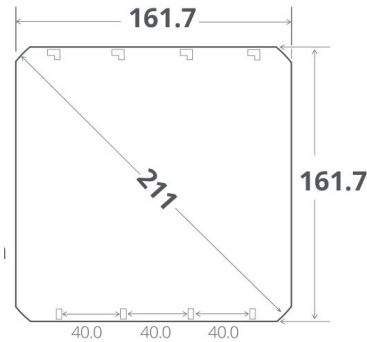
Data under standard testing conditions(STC): 1,000W/m², AM1.5, 25°C, eff. tolerance : average + 0.3%/-0.1% absolute.

TYPICAL TEMPERATURE COEFFICIENTS

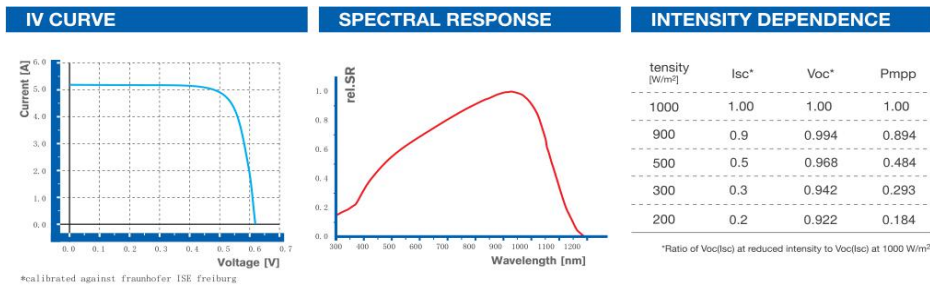
Voltage	-1.74mV/°C
Current	2.9mA/°C
Power	-0.29%/°C

CONDUCTOR PATTERNS

Sunpower-161.7-210



TYPICAL I-V CURVE



PACKAGE

Cells are packed in boxes of 1200 each; grouped in 8 shrink wrapped stacks of 150 with interleaving. 30 boxes are packed in one pallet containing 36,000 cells. 1200pcs GW 19KG.



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