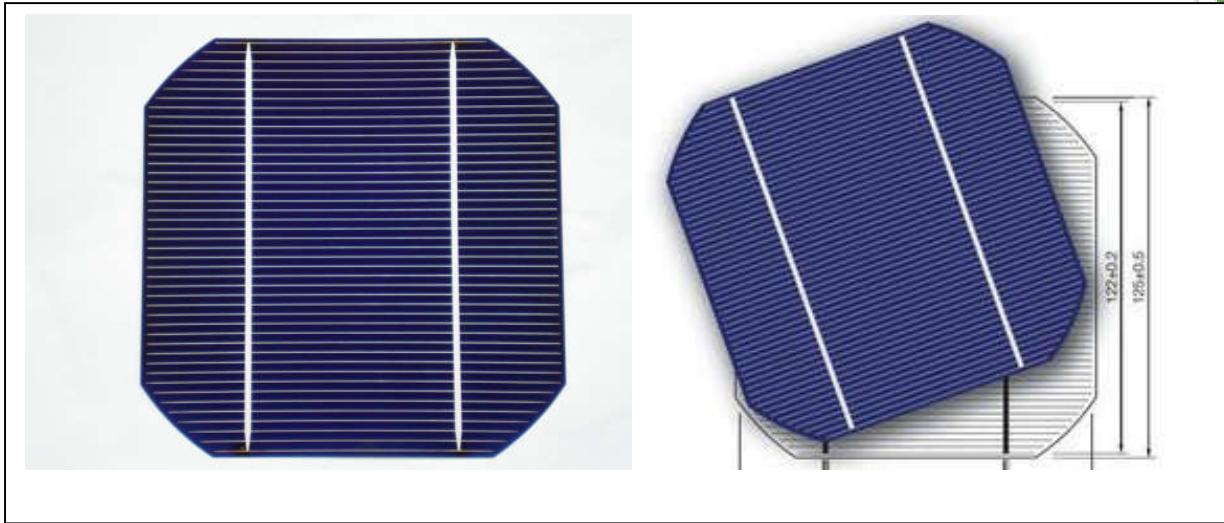


SSC-125M N TYPE



### MONO-CRYSTALLINE SILICON SOLAR CELL

#### MECHANICAL DATA AND DESIGN

Dimension	125mm*125mm, tolerance ±0.5mm
Thickness	200 μ m ± 20 μ m
Front(-)	Blue silicon nitride anti-reflection coating
Back(+)	Aluminum back surface field

#### TEMPERATURE COEFFICIENTS

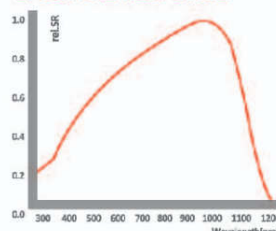
TkCurrent	+0.10%/°C
TkVoltage	-0.38%/°C
TkPower	-0.47%/°C

Eff	Pmax	Vmp	Imp	Voc	Isc
18.25%	2.826W	0.525V	5.378A	0.630V	5.720A
18.00%	2.787W	0.524V	5.349A	0.629V	5.697A
17.75%	2.748W	0.523V	5.282A	0.627V	5.655A
17.50%	2.710W	0.520V	5.260A	0.627V	5.652A
17.25%	2.671W	0.515V	5.236A	0.624V	5.649A
17.00%	2.632W	0.510V	5.204A	0.623V	5.640A
16.75%	2.593W	0.505V	5.171A	0.622V	5.636A
16.50%	2.555W	0.496V	5.152A	0.620V	5.635A

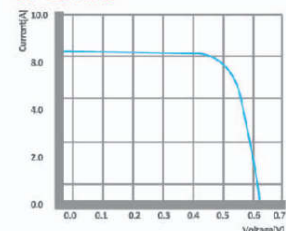
#### INTENSITY DEPENDENCE

Intensity[W/M <sup>2</sup> ]	Isc	Voc
1000	1.0	1.000
900	0.9	0.995
500	0.5	0.969
300	0.3	0.946
200	0.2	0.929

#### SPECTRAL RESPONSE



#### IV CURVE



\*Ratio of Voc (Isc) at reduced intensity to Voc (Isc) at 1000 w/m.