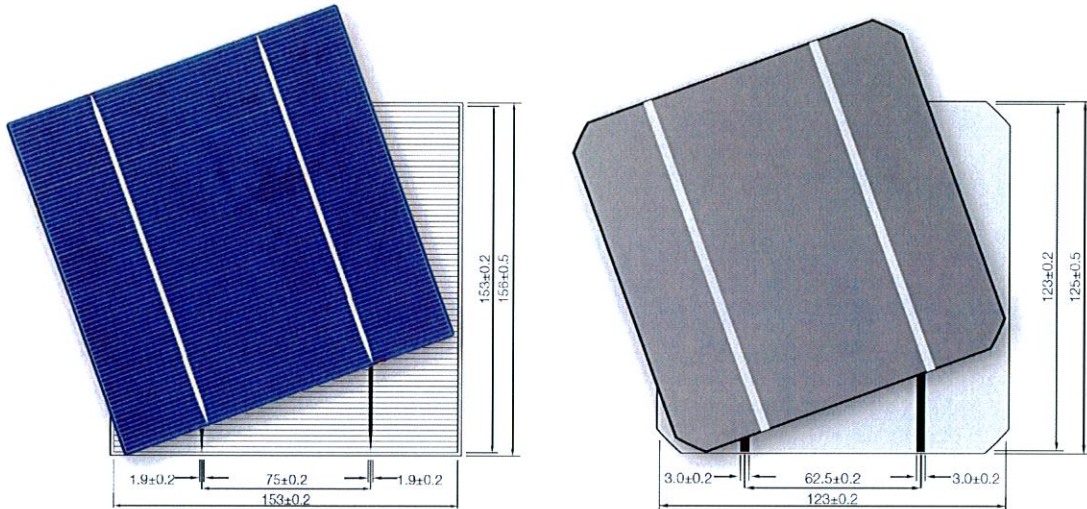


多晶硅太阳能电池片

Poly-Si solar cells



MECHANICAL DATA AND DESIGN

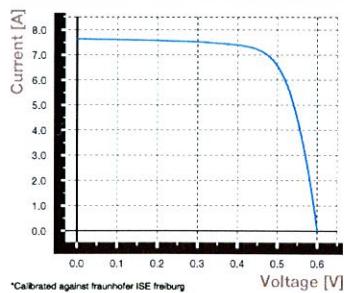
Format	156mm x 156mm±0.5mm
Thickness	200μm±20μm
Front(-)	1.9mm bus bars(silver), blue anti-reflecting coating(silicon nitride)
Back(+)	3mm wide soldering pads(silver), back surface field(aluminum)

TEMPERATURE COEFFICIENTS

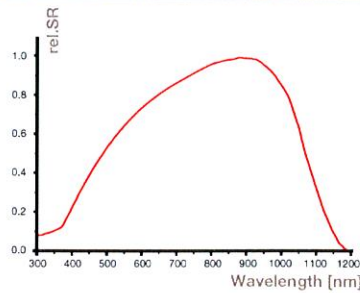
TkVoltage	-0.351%/K
TkCurrent	+0.035%/K
TkPower	-0.47%/K

No.	Efficiency(%)	Pmpp(w)	Umpp(V)	Impp(A)	Uoc(V)	Isc(A)	FF(%)
10	16.00-17.00	4.09	0.528	7.750	0.628	8.240	78.97
09	16.60-16.80	4.04	0.525	7.688	0.626	8.198	78.65
08	16.40-16.60	3.99	0.523	7.635	0.624	8.147	78.51
07	16.20-16.40	3.94	0.520	7.589	0.621	8.102	78.40
06	16.00-16.20	3.90	0.517	7.541	0.618	8.050	78.34
05	15.80-16.00	3.85	0.514	7.941	0.615	8.007	78.15
04	15.60-15.80	3.80	0.511	7.439	0.612	7.961	77.95
03	15.40-15.60	3.75	0.510	7.367	0.611	7.937	77.37
02	15.20-15.40	3.70	0.507	7.307	0.610	7.895	76.95
01	15.00-15.20	3.65	0.505	7.240	0.609	7.860	76.31

IV CURVE



SPECTRAL RESPONSE



INTENSITY DEPENDENCE

Intensity [W/m ²]	Isc*	Voc*
1000	1.0	1.000
900	0.9	0.996
500	0.5	0.968
300	0.3	0.943
200	0.2	0.922

*Ratio of Voc(Isc) at reduced intensity to Voc(Isc) at 1000 W/m²