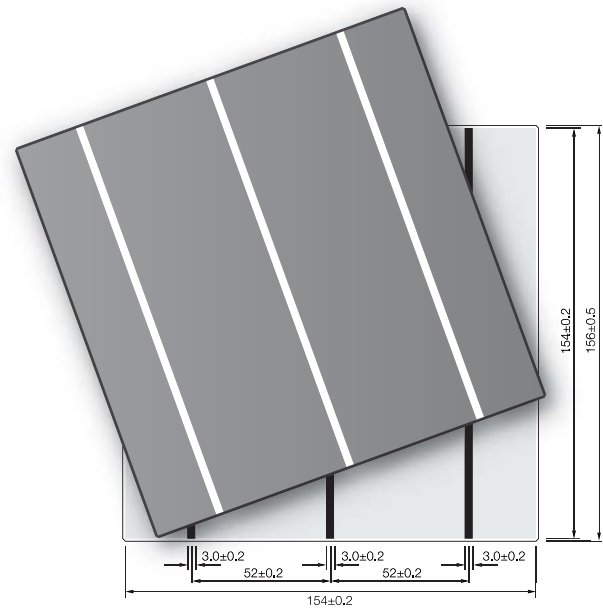
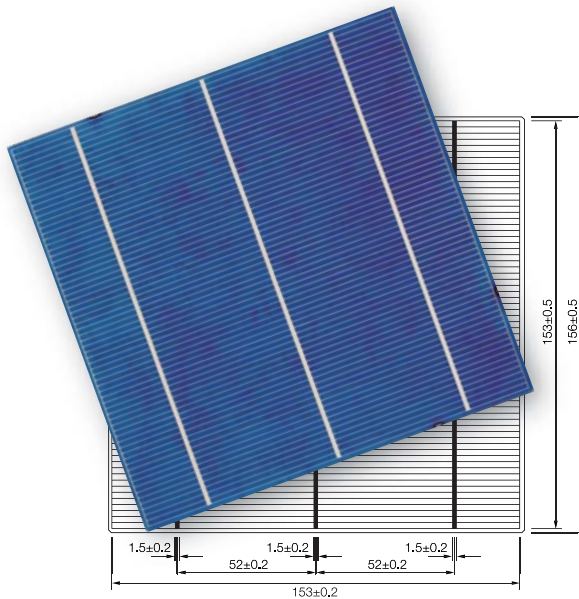


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POLYCRYSTALLINE SILICON SOLAR CELLS



* For reference only

MECHANICAL DATA AND DESIGN

Format	156mm×156mm±0.5mm
Thickness	200μm±20μm
Front(-)	1.5±0.2mm bus bars(silver), blue anti-reflecting coating(silicon nitride)
Back(+)	3mm wide soldering pads(silver), back surface field(aluminum)

TEMPERATURE COEFFICIENTS

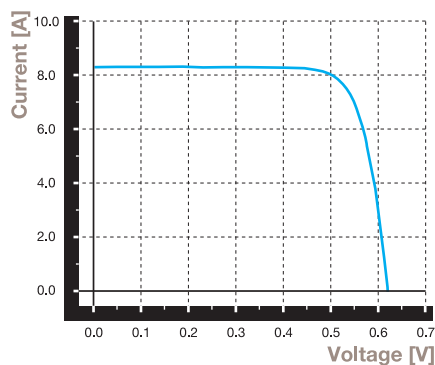
TkVoltage	-0.32%/K
TkCurrent	+0.05%/K
TkPower	-0.39%/K

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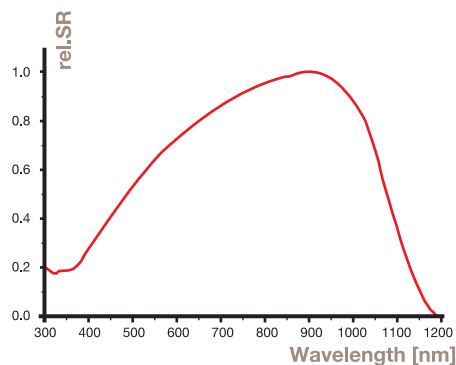
No.	Efficiency(%)	Pmpp(W)	Umpp(V)	Impp(A)	Uoc(V)	Isc(A)	FF(%)
10	16.80-17.00	4.09	0.527	7.760	0.627	8.243	79.05
09	16.60-16.80	4.04	0.524	7.702	0.625	8.207	78.71
08	16.40-16.60	3.99	0.522	7.647	0.623	8.155	78.55
07	16.20-16.40	3.94	0.519	7.600	0.620	8.111	78.38
06	16.00-16.20	3.90	0.516	7.556	0.617	8.067	78.25
05	15.80-16.00	3.85	0.513	7.505	0.615	8.022	78.04
04	15.60-15.80	3.80	0.510	7.454	0.612	7.978	77.84
03	15.40-15.60	3.75	0.508	7.376	0.611	7.956	77.17
02	15.20-15.40	3.70	0.505	7.331	0.608	7.915	76.95
01	15.00-15.20	3.65	0.503	7.268	0.607	7.875	76.50

IV CURVE



*calibrated against fraunhofer ISE freiburg

SPECTRAL RESPONSE



INTENSITY DEPENDENCE

Intensity [W/m ²]	Isc*	Voc*
1000	1.0	1.000
900	0.9	0.996
500	0.5	0.969
300	0.3	0.947
200	0.2	0.928

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

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