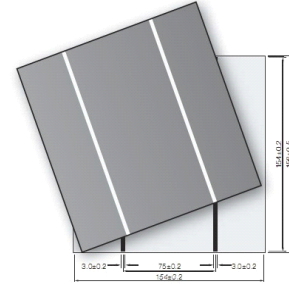
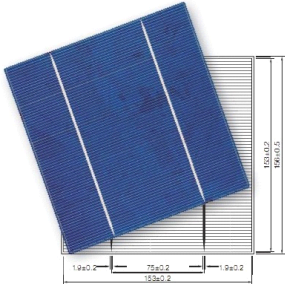


## 156MOR2 POLYCRYSTALLINE SILICON SOLAR CELLS



### MECHANICAL DATA AND DESIGN

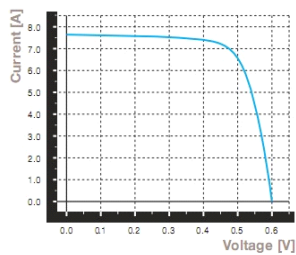
Format	156mm*156mm±0.5mm
Thickness	200um±20um
Format(-)	1.9mm bus bara(silver), blue anti-reflecting coating( silicon nitrid)
Back(+)	3mm wide soldering pads(silver),back surface field(aluminum)

### TEMPERATURE COEFFICIENTS

Tk Voltage(-)	0.351%/K
Tk Current(+)	0.035%/K
Tk Power(-)	0.47%/K

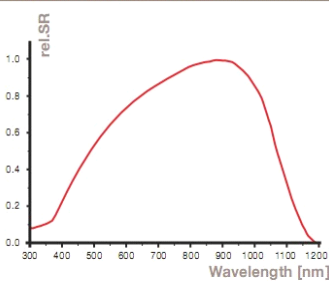
No.	Efficiency (%)	Pmpp (W)	Umpp (V)	Impp (A)	Uoc (V)	Isc (A)	FF (%)
10	16.80-17.00	4.09	0.528	7.75	0.628	8.24	78.97
09	16.60-16.80	4.04	0.525	7.688	0.626	8.198	78.65
08	16.40-16.60	3.99	0.523	7.635	0.624	8.147	78.51
07	16.20-16.40	3.94	0.52	7.589	0.621	8.102	78.4
06	16.00-16.20	3.9	0.517	7.541	0.618	8.05	78.34
05	15.80-16.00	3.85	0.514	7.491	0.615	8.007	78.15
04	15.60-15.80	3.8	0.511	7.439	0.612	7.961	77.95
03	15.40-15.60	3.75	0.51	7.367	0.611	7.937	77.37
02	15.20-15.40	3.7	0.507	7.307	0.61	7.895	76.95
01	15.00-15.20	3.65	0.505	7.24	0.609	7.86	76.31

### IV CURVE



\*calibrated against fraunhofer ISE freiburg

### SPECTRAL RESPONSE



### INTENSITY DEPENDENCE

Intensity [W/m <sup>2</sup> ]	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/m<sup>2</sup>