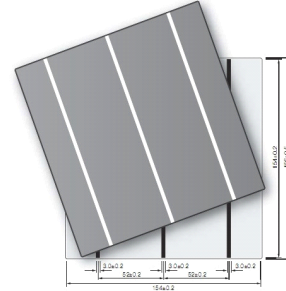
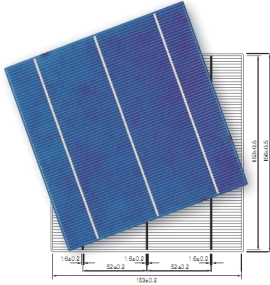


## 156MOX1 POLYCRYSTALLINE SILICON SOLAR CELLS



### MECHANICAL DATA AND DESIGN

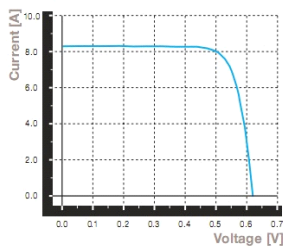
Format	156mm*156mm±0.5mm
Thickness	200um±20um
Format(-)	1.6mm bus bara(silver), blue anti-reflecting coating( silicon nitrid)
Back(+)	3mm wide soldering pads(silver),back surface field(aluminum)

### TEMPERATURE COEFFICIENTS

Tk Voltage(-)	0.32%/K
Tk Current(+)	0.05%/K
Tk Power(-)	0.39%/K

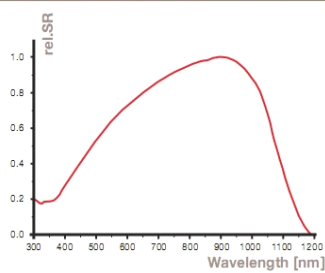
No.	Efficiency (%)	Pmpp (W)	Ump (V)	Imp (A)	Uoc (V)	Isc (A)	FF (%)
10	16.80-17.00	4.09	0.527	7.76	0.627	8.243	79.05
09	16.60-16.80	4.04	0.524	7.702	0.625	8.207	78.71
08	16.40-16.60	3.99	0.522	7.647	0.623	8.155	78.55
07	16.20-16.40	3.94	0.519	7.6	0.62	8.111	78.38
06	16.00-16.20	3.9	0.516	7.556	0.617	8.067	78.25
05	15.80-16.00	3.85	0.513	7.505	0.615	8.022	78.04
04	15.60-15.80	3.8	0.51	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	3.7	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	76.5

### IV CURVE



\*calibrated against fraunhofer ISE freiburg

### SPECTRAL RESPONSE



### INTENSITY DEPENDENCE

Intensity [W/m²]	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(ec) at reduced intensity to Voc(ec) at 1000 W/m²