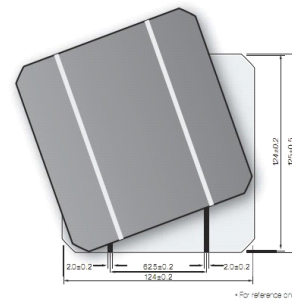
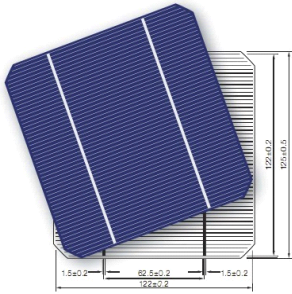


M5S (L) 2BB MONOCRYSTALLINE SILICON SOLAR CELLS



MECHANICAL DATA AND DESIGN

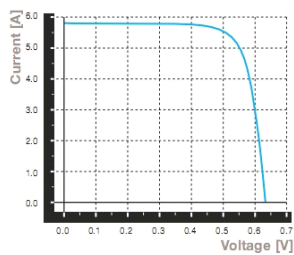
Format	125mm*125mm±0.5mm
Thickness	200um±30um
Format(-)	1.5mm bus bara(silver), blue anti-reflecting coating(silicon nitrid)
Back(+)	2mm wide soldering pads(silver),back surface field(aluminum)

TEMPERATURE COEFFICIENTS

Tk Voltage(-)	1.53mV/K
Tk Current(+)	2.92mA/K
Tk Power(-)	0.37%/K

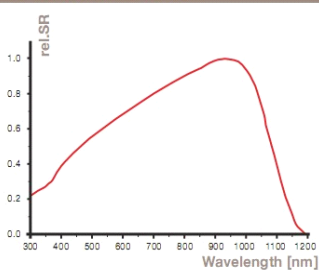
No.	Efficiency (%)	Pmpp (W)	Ump (V)	Imp (A)	Uoc (V)	Isc (A)	FF (%)
10	18.80-19.00	2.91	0.537	5.421	0.641	5.777	78.61
09	18.60-18.80	2.88	0.535	5.366	0.638	5.762	78.38
08	18.40-18.60	2.85	0.532	5.359	0.637	5.727	78.15
07	18.20-18.40	2.82	0.529	5.333	0.635	5.707	77.85
06	18.00-18.20	2.79	0.527	5.297	0.634	5.693	77.34
05	17.80-18.00	2.76	0.525	5.26	0.633	5.682	76.78
04	17.60-17.80	2.73	0.521	5.243	0.632	5.671	76.22
03	17.40-17.60	2.7	0.518	5.215	0.631	5.661	75.62
02	17.20-17.40	2.66	0.513	5.188	0.63	5.651	74.76
01	17.00-17.20	2.63	0.51	5.16	0.629	5.646	74.12

IV CURVE



*calibrated against fraunhofer ISE freiburg

SPECTRAL RESPONSE



INTENSITY DEPENDENCE

Intensity [W/m²]	Isc*	Voc*
1000	1.0	1.000
900	0.9	0.994
500	0.5	0.969
300	0.3	0.946
200	0.2	0.929

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