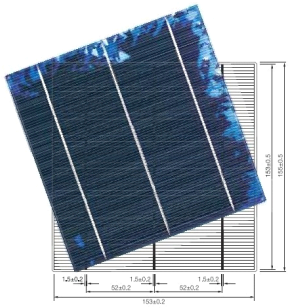
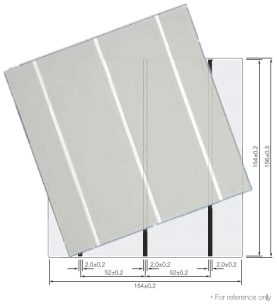
P6M 3BB
POLYCRYSTALINE SILICON SOLAR CELLS

The most advantage poly products for manufacturing the high efficency mudule more than 240W(6*10) and 300W(6*12).





MECHANICAL DATA AND DESIGN

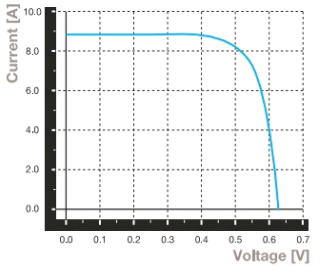
Format	156mm*156mm±0.5mm
Thickness	200um±20um
Format(-)	1.5mm bus bara(silver), blue anti-reflecting coating(silicon nitrid)
Back(+)	2mm wide soldering pads(silver),back surface field(aluminum)

TEMPERATURE COEFFICIENTS

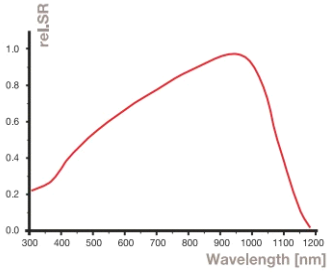
Tk Voltage(-)	0.348%/K
Tk Current(+)	0.05%/K
Tk Power(-)	0.37%/K

No.	Efficiency(%)	Pmpp(W)	Umpp(V)	Impp(A)	Uoc(V)	Isc(A)	FF(%)
10	18.00-20.00	4.38	0.528	8.296	0.625	8.803	79.61
09	17.80-18.00	4.33	0.525	8.251	0.624	8.745	79.38
08	17.60-17.80	4.28	0.524	8.174	0.622	8.712	79.04
07	17.40-17.60	4.24	0.522	8.112	0.619	8.675	78.86
06	17.20-17.40	4.19	0.52	8.05	0.617	8.627	78.64
05	17.00-17.20	4.14	0.517	8.002	0.615	8.574	78.46
04	16.80-17.00	4.09	0.515	7.939	0.613	8.514	78.34
03	16.60-16.80	4.04	0.513	7.875	0.612	8.432	78.29
02	16.30-16.60	4	0.511	7.834	0.61	8.388	78.24
01	15.90-16.30	3.92	0.509	7.698	0.608	8.241	78.2

IV CURVE



SPECTRAL RESPONSE



INTENSITY DEPENDENCE

Intensity [W/m²]	Isc*	Voc*
1000	1.0	1.000
900	0.9	0.995
500	0.5	0.968
300	0.3	0.947
200	0.2	0.925

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