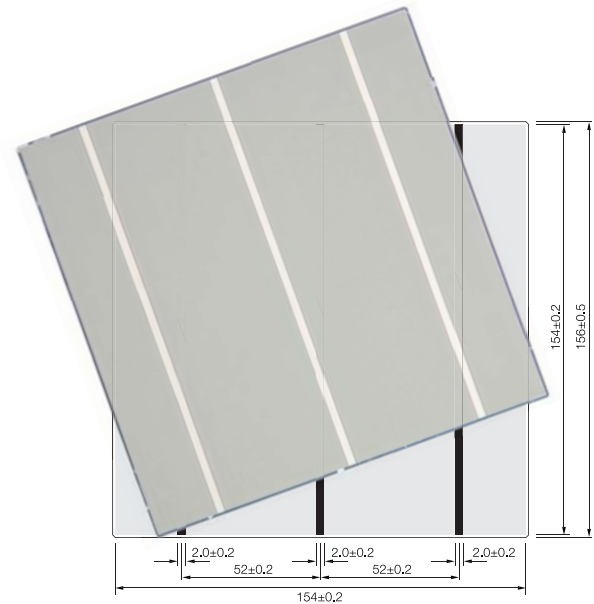
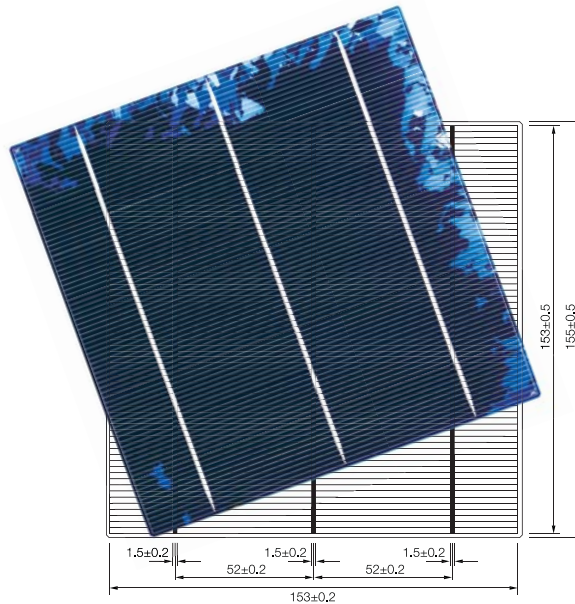


JAC P6MF 3BB POLYCRYSTALLINE SILICON SOLAR CELLS



The most advantage poly product in JA Solar, which is developed for high efficiency module market. Manufacturing modules with more than 240W (6x10) and 290W (6x12) power output becomes easier than ever.



* For reference only

MECHANICAL DATA AND DESIGN

Format	156mm×156mm±0.5mm
Thickness	200μm±20μm
Front(-)	1.5mm bus bars(silver), blue anti-reflecting coating(silicon nitride)
Back(+)	2mm wide soldering pads(silver), back surface field(aluminum)

TEMPERATURE COEFFICIENTS

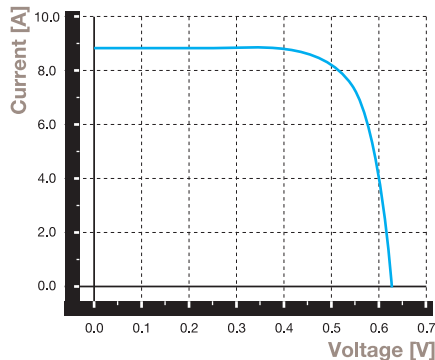
TkVoltage	-0.348%/K
TkCurrent	+0.05%/K
TkPower	-0.37%/K

JAC P6MF 3BB POLYCRYSTALLINE SILICON SOLAR CELLS

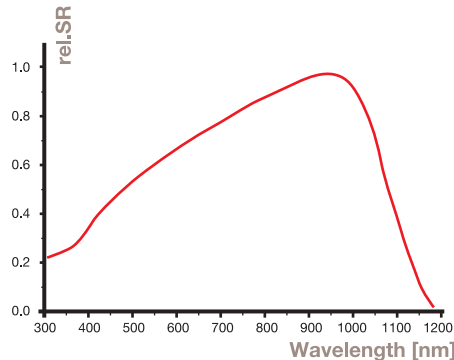


No.	Efficiency(%)	Pmpp(W)	Umpp(V)	Ipp(A)	Uoc(V)	Isc(A)	FF(%)
11	18.40-20.00	4.48	0.533	8.401	0.626	8.964	79.80
10	18.20-18.40	4.43	0.530	8.357	0.625	8.918	79.47
09	18.00-18.20	4.38	0.527	8.312	0.623	8.869	79.28
08	17.80-18.00	4.33	0.525	8.251	0.621	8.819	79.10
07	17.60-17.80	4.29	0.522	8.205	0.619	8.768	78.91
06	17.40-17.60	4.24	0.520	8.143	0.617	8.717	78.73
05	17.20-17.40	4.19	0.518	8.081	0.615	8.662	78.58
04	17.00-17.20	4.14	0.516	8.018	0.613	8.601	78.47
03	16.50-17.00	4.08	0.512	7.960	0.610	8.525	78.37
02	16.00-16.50	3.96	0.508	7.785	0.606	8.342	78.23
01	15.50-16.00	3.83	0.504	7.605	0.602	8.147	78.15

IV CURVE



SPECTRAL RESPONSE



INTENSITY DEPENDENCE

Intensity [W/m ²]	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

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