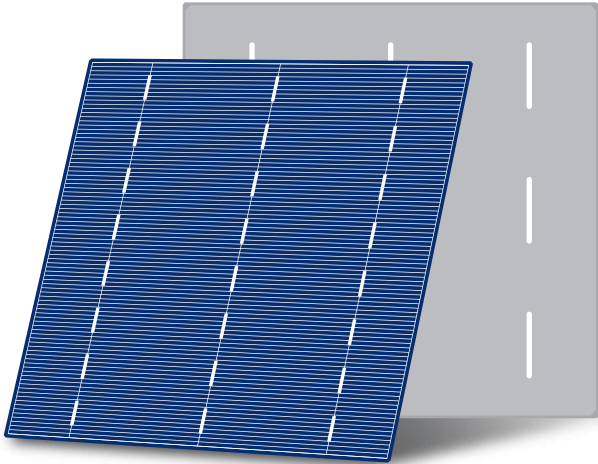


WB P6-3

3BB

POLYCRYSTALLINE SILICON SOLAR CELLS

WISEBIZ Ltd.'s Poly Cells. Manufacturing modules with more than **250W(6×10)** power output becomes easier than ever.



MECHANICAL DATA AND DESIGN

Format	156mm×156mm±0.5mm
Thickness	210μm±30μm
Front(-)	1.4mm bus bars(silver), blue anti-reflecting coating(silicon nitride)
Back(+)	2.0mm wide soldering pads(silver) back surface field(aluminum)

TEMPERATURE COEFFICIENTS

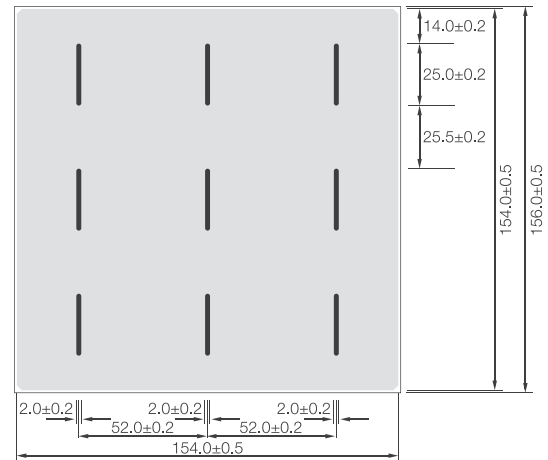
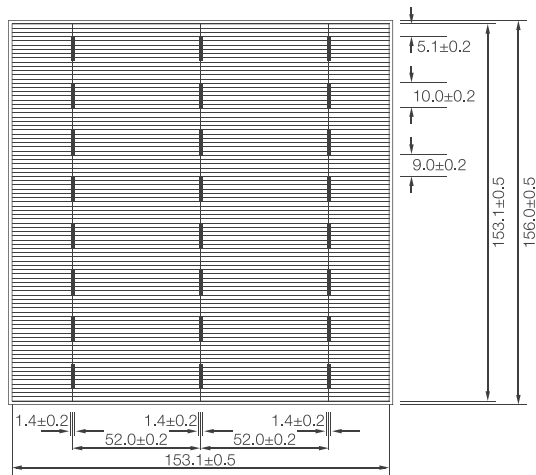
TkVoltage	- 0.368%/K
TkCurrent	+0.077%/K
TkPower	- 0.364%/K

No.	Efficiency(%)	Pmpp(W)	Ump(V)	Impp(A)	Uoc(V)	Isc(A)	FF(%)
12	17.90-18.00	4.36	0.53	8.16	0.64	8.70	78.86
11	17.80-17.90	4.33	0.53	8.13	0.63	8.67	78.77
10	17.70-17.80	4.31	0.53	8.11	0.63	8.64	78.69
09	17.60-17.70	4.29	0.53	8.09	0.63	8.63	78.60
08	17.50-17.60	4.26	0.53	8.07	0.63	8.60	78.50
07	17.40-17.50	4.24	0.53	8.05	0.63	8.59	78.41
06	17.30-17.40	4.21	0.52	8.03	0.63	8.57	78.35
05	17.20-17.30	4.19	0.52	8.01	0.63	8.55	78.29
04	17.10-17.20	4.16	0.52	7.99	0.62	8.53	78.23
03	17.00-17.10	4.14	0.52	7.96	0.62	8.50	78.11
02	16.80-17.00	4.09	0.52	7.89	0.62	8.46	77.76
01	16.60-16.80	4.04	0.52	7.83	0.62	8.45	76.78

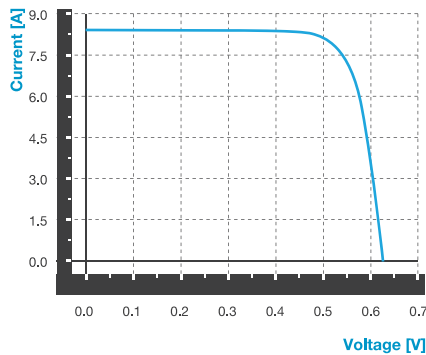
WB P6-3

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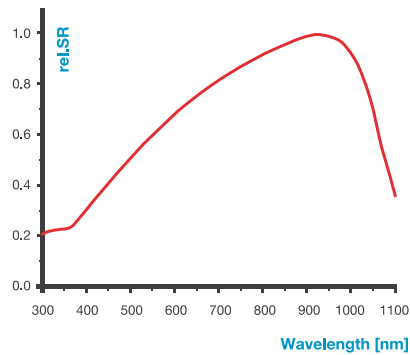
POLYCRYSTALLINE SILICON SOLAR CELLS



IV CURVE



SPECTRAL RESPONSE



INTENSITY DEPENDENCE

Intensity [W/m ²]	Isc*	Voc*	Pmpp
1000	1.00	1.00	1.00
900	0.90	1.00	0.90
800	0.80	0.99	0.80
500	0.50	0.96	0.49
300	0.30	0.93	0.29
200	0.20	0.92	0.19

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