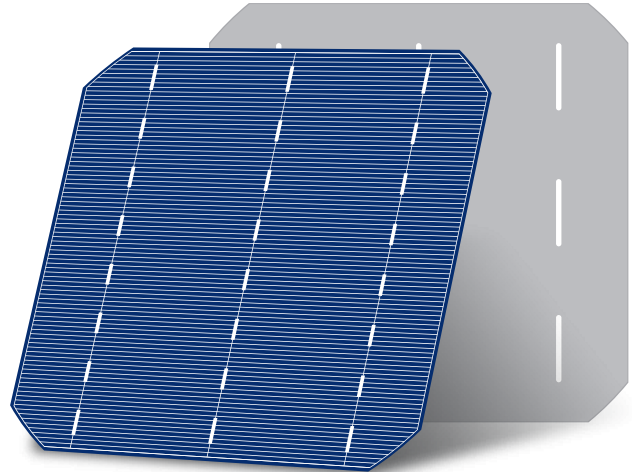


WB M6-3

3BB

MONOCRYSTALLINE SILICON SOLAR CELLS

WB Solar's High-efficiency Mono Cells. Manufacturing modules with more than **260Wp(6×10)** and **305Wp(6×12)** 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(+)	2mm wide soldering pads(silver) back surface field(aluminum)

TEMPERATURE COEFFICIENTS

TkVoltage	-0.241%/K
TkCurrent	+0.033%/K
TkPower	-0.370%/K

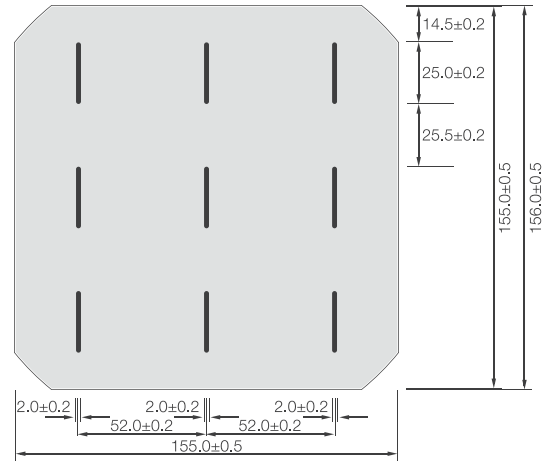
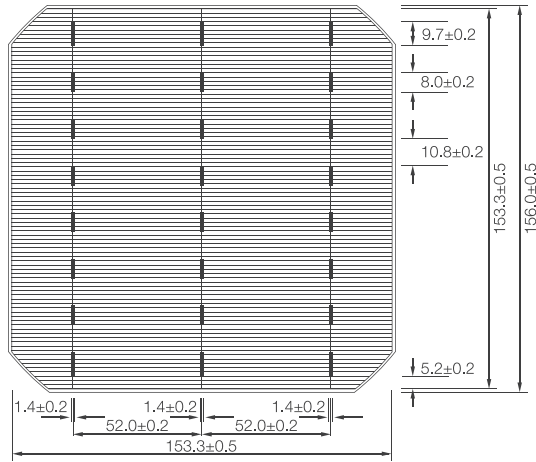
No.	Efficiency(%)	Pmpp(W)	Umpp(V)	Impp(A)	Uoc(V)	Isc(A)	FF(%)
10	19.40-19.50	4.64	0.54	8.53	0.64	9.08	79.62
09	19.30-19.40	4.61	0.54	8.49	0.64	9.05	79.48
08	19.20-19.30	4.59	0.54	8.48	0.64	9.03	79.44
07	19.10-19.20	4.57	0.54	8.46	0.64	9.02	79.20
06	19.00-19.10	4.54	0.54	8.42	0.64	9.01	78.86
05	18.90-19.00	4.52	0.54	8.40	0.64	9.01	78.67
04	18.80-18.90	4.49	0.54	8.36	0.64	9.00	78.28
03	18.70-18.80	4.47	0.54	8.36	0.64	9.00	77.94
02	18.60-18.70	4.45	0.53	8.35	0.64	9.00	77.73
01	18.40-18.60	4.40	0.53	8.29	0.64	9.00	77.00

Specifications subjects to technical changes and tests.

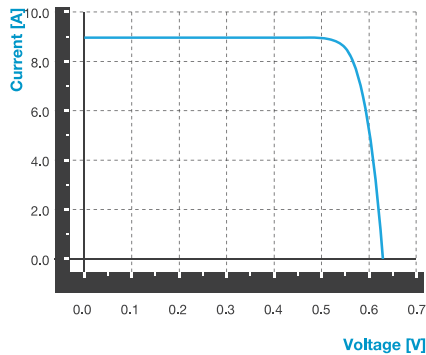
WB M6-3

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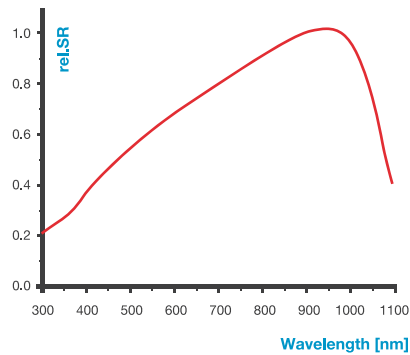
MONOCRYSTALLINE SILICON SOLAR CELLS



IV CURVE



SPECTRAL RESPONSE



INTENSITY DEPENDENCE

Intensity [W/m ²]	Isc*	Voc*	Pmpp
1000	1.00	1.00	1.00
900	0.91	1.00	0.91
800	0.81	0.99	0.80
500	0.51	0.97	0.50
300	0.31	0.95	0.29
200	0.21	0.93	0.19

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