

SCPC 6(200) -3



3BB MULTICRYSTALLINE SILICON SOLAR CELLS

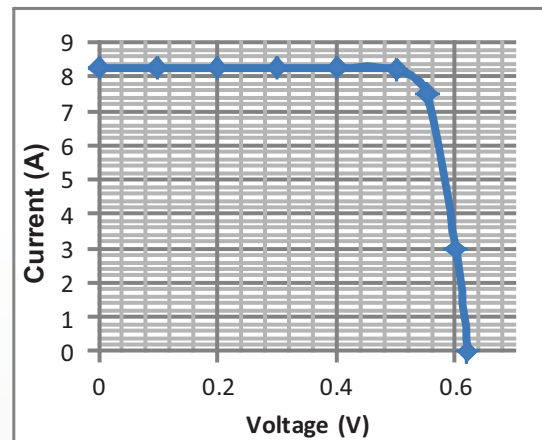
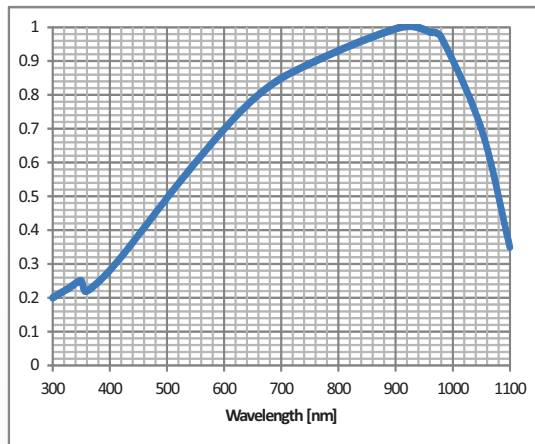
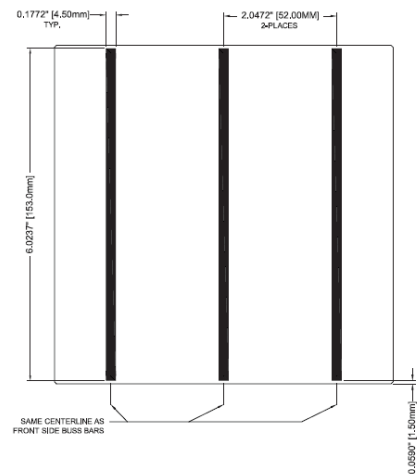
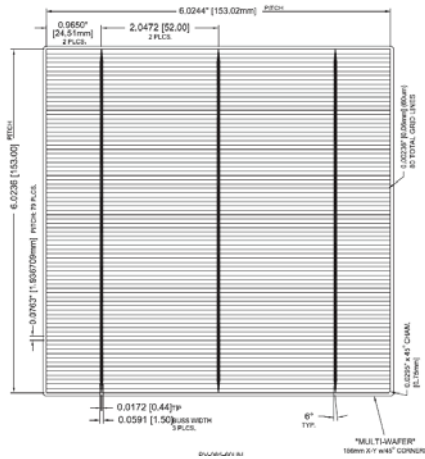
MECHANICAL DATA AND DESIGN	
<i>Format</i>	156 mm x 156 mm ± 0.5 mm
<i>Thickness</i>	210 μm ± 30 μm
<i>Front(-)</i>	1.5 mm bus bars (silver), blue anti-reflecting coating (silicon nitride)
<i>Back (+)</i>	2.0 mm wide soldering pads (silver) back surface field (aluminum)

TEMPERATURE COEFFICIENTS	
<i>TkVoltage</i>	-368%/K
<i>TkCurrent</i>	+0.077%/K
<i>TkPower</i>	-0.364%/K

Product characteristics

No	Efficiency (%)	Pmpp (W)	Umpv (V)	Impv (A)	Uoc (V)	Isc (A)	FF (%)
10	17.8-18	4.33	0.53	8.159	0.633	8.709	78.44
9	17.6-17.8	4.29	0.527	8.126	0.631	8.677	78.27
8	17.4-17.6	4.24	0.524	8.081	0.628	8.629	78.17
7	17.2-17.4	4.19	0.521	8.035	0.625	8.578	78.08
6	17-17.2	4.14	0.518	7.99	0.623	8.531	77.97
5	16.8-17	4.09	0.516	7.938	0.62	8.478	77.85
4	16.6-16.8	4.04	0.514	7.876	0.618	8.419	77.68
3	16.4-16.6	3.99	0.511	7.813	0.617	8.356	77.51
2	16.2-16.4	3.94	0.509	7.754	0.615	8.289	77.4
1	16-16.2	3.9	0.506	7.698	0.613	8.22	77.36

*Specifications subjects to technical changes and test.



Intensity [W/m ²]	Isc*	Voc*	Pmpp
1000	1	1	1
900	0.9	1	0.9
800	0.8	0.99	0.8
500	0.5	0.96	0.49
300	0.3	0.93	0.29
200	0.2	0.92	0.19

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