

# XXR M3-156.75

## 3BB Monocrystalline Silicon Solar Cell

**PYSICAL** Dimension 156.75mm X156.75mm

**CHARACTERISTICS** Wafer Thickness: 180 $\mu$ m  $\pm$  20 $\mu$ m

Front(-) Three 1mm wide bus bars (silver) with distance 52mm  
alkaline texturized surface with dark blue silicon nitride AR coating

Back(+) 1.5mm wide silver/aluminum soldering pads, aluminum local back surface field.

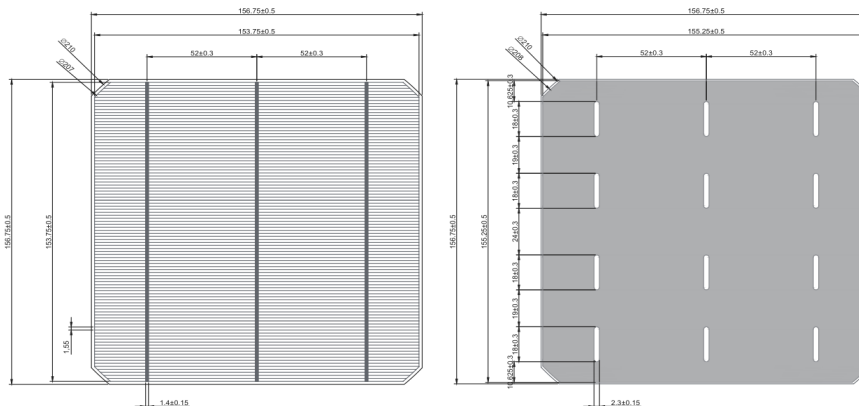
**TYPICAL ELECTRICAL**

Efficiency Code	1960	1970	1980	1990	2000	2010	2020	2030	2040	2050	2060	2070	2080	2090	2100	2110
Efficiency(%)	19.6	19.7	19.8	19.9	20.0	20.1	20.2	20.3	20.4	20.5	20.6	20.7	20.8	20.9	21.0	21.1
Pmax(W)	4.789	4.813	4.837	4.862	4.886	4.911	4.935	4.960	4.984	5.008	5.033	5.057	5.082	5.106	5.131	5.155
Vmp(V)	0.500	0.500	0.510	0.510	0.510	0.515	0.515	0.515	0.520	0.520	0.520	0.525	0.525	0.525	0.525	0.525
Imp(A)	9.577	9.626	9.485	9.533	9.581	9.535	9.583	9.630	9.585	9.632	9.679	9.633	9.680	9.726	9.773	9.819
Voc(V)	0.590	0.590	0.602	0.602	0.602	0.608	0.608	0.608	0.614	0.614	0.614	0.620	0.620	0.620	0.620	0.620
Isc(A)	10.152	10.204	10.054	10.105	10.156	10.108	10.158	10.208	10.160	10.210	10.259	10.211	10.260	10.310	10.36	10.41

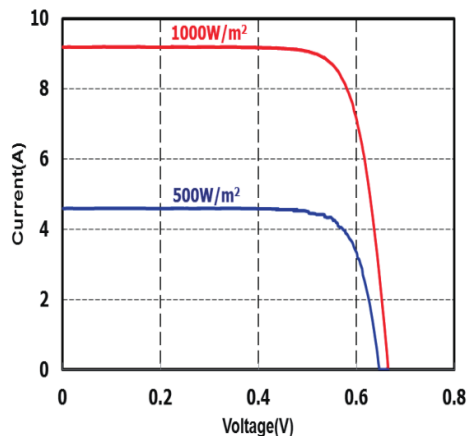
Data under standard testing conditions(STC): 1,000W/m<sup>2</sup>, AM1.5, 25°C, Average accuracy of all tested figures is  $\pm$ 1.0% r

**TYPICAL TEMPERATURE COEFFICIENTS**  
Voltage -0.3mV/K  
Current +0.43mA/K  
Power -0.38%/K

**CONDUCTOR PATTERNS**



**TYPICAL I-V CURVE** (Cell Efficiency 19-20%)



**PACKAGE**

Typical package for 1 pallet contains 24 cartons, 1 carton contains 1,200 cells. The cells are sealed in cell box every 100 pcs



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