

XXR M2-156.75

4BB Monocrystalline Silicon Solar Cell PERC

PHYSICAL CHARACTERISTICS

Dimension 156.75mm X156.75mm
 Wafer Thickness 180 μ m \pm 20 μ m
 Front(-) Five 0.8mm wide bus bars (silver) with distance 31.2mm
 alkaline texturized surface with dark blue silicon nitride AR coating
 Back(+) 1.4mm wide silver/aluminum soldering pads, aluminum local back surface field.

TYPICAL ELECTRICAL CHARACTERISTICS

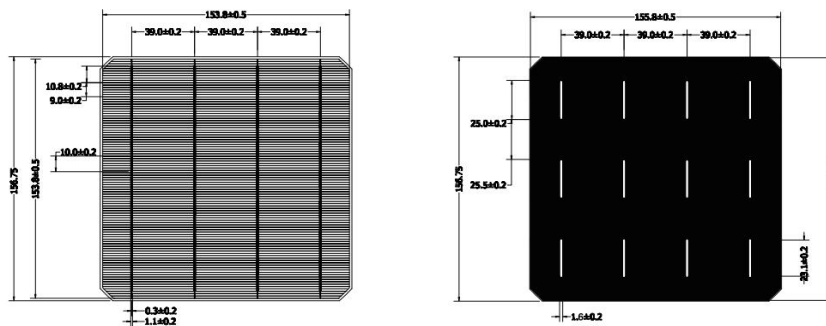
Efficiency Code	2090	2100	2110	2120	2130	2140	2150	2160	2170	2180	2190	2200
Efficiency(%)	20.9	21.0	21.1	21.2	21.3	21.4	21.5	21.6	21.7	21.8	21.9	22.0
Pmax(W)	5.106	5.131	5.155	5.180	5.204	5.228	5.253	5.375	5.300	5.326	5.350	5.370
Vmp(V)	0.550	0.550	0.551	0.552	0.553	0.553	0.554	0.554	0.554	0.554	0.554	0.554
Imp(A)	9.284	9.329	9.356	9.383	9.411	9.455	9.482	9.702	9.567	9.614	9.657	9.693
Voc(V)	0.649	0.649	0.650	0.651	0.653	0.653	0.654	0.654	0.654	0.654	0.654	0.654
Isc(A)	9.748	9.795	9.824	9.852	9.881	9.927	9.956	10.187	10.045	10.094	10.140	10.178

Data under standard testing conditions(STC): 1,000W/m², AM1.5, 25 $^{\circ}$ C, eff. tolerance : average + 0.3%/-0.1% absolute.

TYPICAL TEMPERATURE COEFFICIENTS

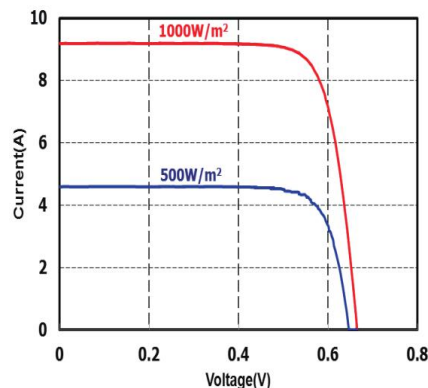
Voltage -2.00 mV/K
 Current +3.70 mA/K
 Power -0.4%/K

CONDUCTOR PATTERNS



TYPICAL I-V CURVE

(Cell Efficiency 21.8%)



PACKAGE

Typical package for 1 pallet contains 24 cartons, 1 carton contains 1,400cells. The cells are sealed in cell box every 100pcs. Gross weight per unit carton shall be around 17kgs.



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