

XXRM2-125-165

2BB monocrystalline Silicon Solar Cell

PHYSICAL CHARACTERISTICS	Dimension	125mm X125mm \pm 0.25mm
	Wafer Thickness	180 μ m \pm 20 μ m / 200 μ m \pm 20 μ m
	Front(-)	Blue silicon nitride anti-reflection coatings 1.4mm silver busbars
	Back(+)	Full-surface aluminum back-surface field 2mm (silver / aluminum) discontinuous soldering pads

TYPICAL ELECTRICAL CHARACTERISTICS

Efficiency Code	1850	1860	1880	1900	1940	1960	1980	2000	2020	2040
Efficiency(%)	18.50	18.60	18.80	19.00	19.40	19.60	19.80	20.00	20.20	20.40
Pmax(W)	2.860	2.890	2.920	2.950	3.000	3.030	3.060	3.090	3.123	3.150
Vmp(V)	0.500	0.500	0.500	0.500	0.500	0.500	0.500	0.500	0.500	0.500
Imp(A)	5.720	5.780	5.840	5.900	6.000	6.060	6.120	6.180	6.246	6.300
Voc(V)	0.590	0.590	0.590	0.590	0.590	0.590	0.590	0.590	0.590	0.590
Isc(A)	6.063	6.127	6.190	6.254	6.360	6.424	6.487	6.551	6.621	6.678

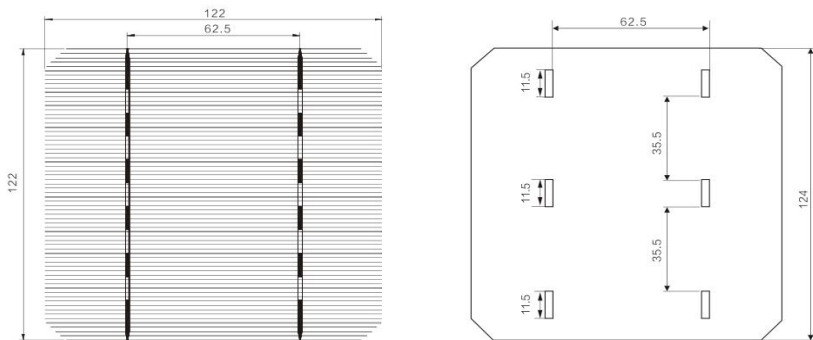
Data under standard testing conditions(STC): 1,000W/m², AM1.5, 25 °C, eff. tolerance : average + 0.3%/-0.1% absolute.

TYPICAL TEMPERATURE COEFFICIENTS

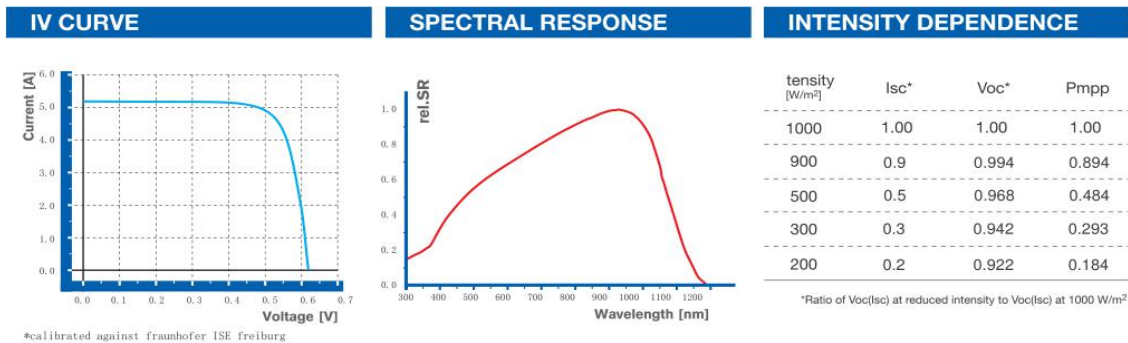
Voltage	- 0.3324 %/K
Current	+ 0.046 %/K
Power	- 0.42%/K

CONDUCTOR PATTERNS

XXR-M2-125-165



TYPICAL I-V CURVE



PACKAGE

Typical package for 1 pallet contains 24 cartons, 1 carton contains 2,000cells. The cells are sealed in cell box every 500pcs Gross weight per unit carton shall be around 14.65kgs



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