

12BB 210 Mono Bifacial Solar Cell

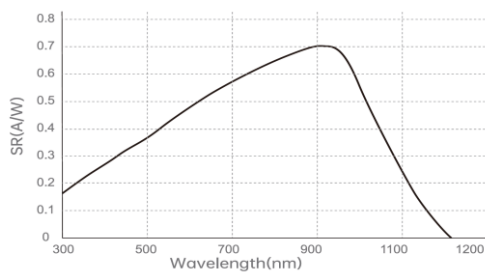
Technical Data and Design

Dimension	210*210±0.5mm
Thickness	150±15μm
Front (-)	12*0.1mm±0.03mm busbars & 174fingers
Back (+)	1.4±0.3mm,12*8 silver soldering pads & 198fingers

Temperature Coefficients

TkVoc (%/K)	-0.38
Tklsc(%/K)	+0.07
TkPMAX(%/K)	-0.36

Spectral Response

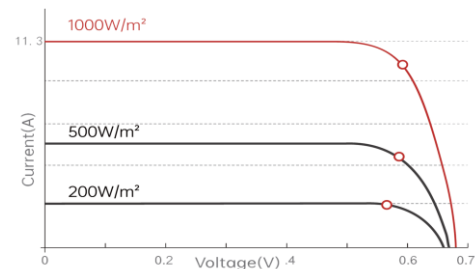


Light Intensity Dependence

Intensity(W/m ²)	Voc	Isc
1000	1.000	1.000
900	0.996	0.833
800	0.985	0.653
600	0.964	0.432
400	0.935	0.215

Take the Voc (Isc) at 1000W/m² as the standard, test the range of Voc(Isc) decrease with light intensity.

IV Curve



Efficiency(%)	P _{mpp} (W)	V _{mpp} (V)	I _{mpp} (A)	voc(V)	I _{sc} (A)
24.10%	10.627	0.616	17.252	0.701	18.460
24.00%	10.583	0.615	17.208	0.700	18.434
23.90%	10.539	0.614	17.164	0.699	18.407
23.80%	10.495	0.613	17.120	0.698	18.381
23.70%	10.451	0.612	17.076	0.697	18.330
23.60%	10.407	0.611	17.032	0.696	18.279
23.50%	10.362	0.610	16.988	0.695	18.228
23.40%	10.318	0.609	16.943	0.694	18.176
23.30%	10.274	0.608	16.899	0.693	18.125
23.20%	10.230	0.607	16.854	0.692	18.073
23.10%	10.186	0.606	16.809	0.691	18.021
23.00%	10.142	0.605	16.764	0.690	17.969
22.90%	10.098	0.604	16.719	0.689	17.917
22.80%	10.054	0.603	16.673	0.688	17.865

STC (Standard Testing Conditions):1000W/m²,AM1.5,25 °C

Technical parameters above-mentioned subjects to technical changes and tests.