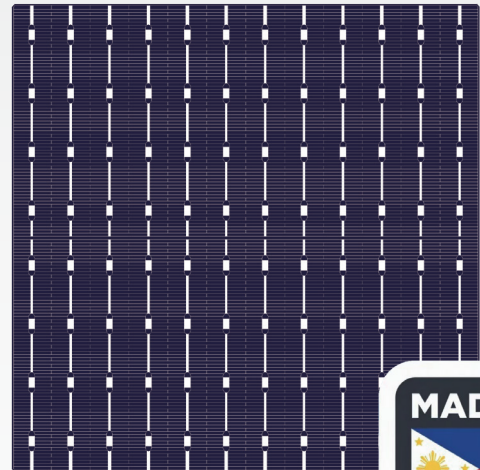
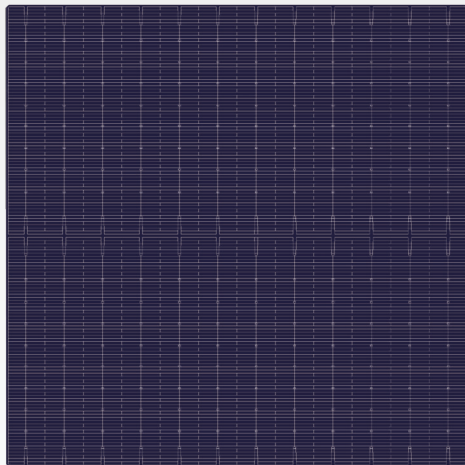


M210-12BB Data Sheet



High conversion efficiency with high reliability



No light-induced degradation



Uniform cell performance with stable process control



Both sides can generate electricity



Low mismatch of cell performance during encapsulation



Excellent power generation performance under low irradiation



Low hot spot effect

SOLARIS PANABO

M210-12BB Data Sheet

TECHNICAL CHARACTERISTICS

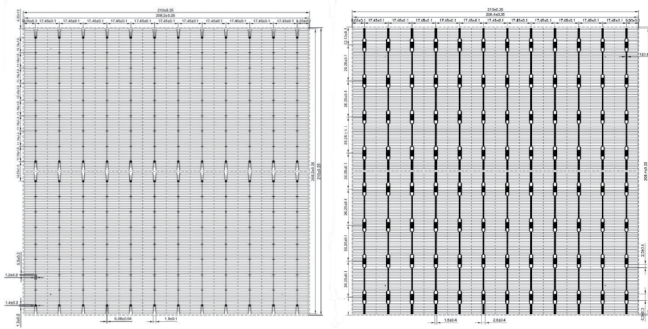
Dimension	210mm*210mm±0.25mm	TkVoltage:-0.36%/K
Thickness	180±18um	TkCurrent:+0.07%/K
Front	12*0.08±0.04mm main bus bar (silver), 168±15 auxiliary bus bar, blue (dark Blue) anti-reflective film (silicon nitride)	TkPower:-0.38%/K
Back(+)	Back electrode width (silver) 2.2±0.4mm, back covered with aluminum bus bar	Rsh≥35Ω,Irev2≤0.8A

LIGHT INTENSITY AND RELIABILITY

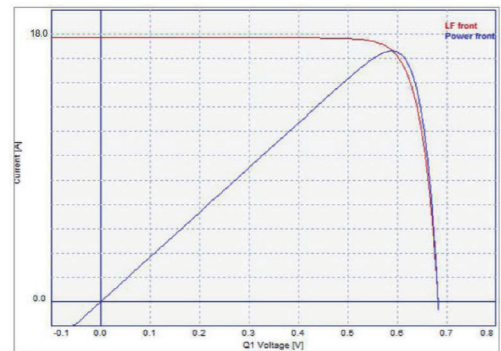
Intensity(W/m ²)	Voc	Isc
1000	1.000	1.000
900	0.996	0.903
800	0.991	0.803
600	0.988	0.602
400	0.962	0.403

The VOC(ISC) tested by 1000W/m² is the standard, and the Voc (ISC) decreases with the strong decrease in light.

PRINTING GRAPHICS



IV CURVE



WELDABILITY

Minimum peeling intensity ≥1.0N/mm

Results may vary depending on the welding ribbon, welding methods and conditions.

FRONT SIDE ELECTRICAL PERFORMANCE

Eff(%)	Pmp(W)	Vmpp(V)	Impp(A)	Voc(V)	ISC(A)	FF(%)
23.0	10.14	0.579	17.517	0.679	18.325	81.51
22.9	10.10	0.578	17.471	0.678	18.297	81.40
22.8	10.05	0.578	17.394	0.678	18.240	81.30
22.7	10.01	0.577	17.348	0.677	18.211	81.19
22.6	9.97	0.576	17.302	0.675	18.187	81.18
22.5	9.92	0.574	17.285	0.673	18.160	81.18
22.4	9.88	0.573	17.328	0.672	18.108	81.17
22.3	9.83	0.573	17.161	0.669	18.108	81.17
22.2	9.79	0.572	17.114	0.668	18.057	81.16
22.1	9.75	0.572	17.037	0.668	17.980	81.14
22.0	9.70	0.572	16.960	0.667	17.945	81.05
21.9	9.66	0.571	16.912	0.667	17.888	80.94

STC:1000W/m²,AM1.5,25 °C /Specifications and data for reference only.