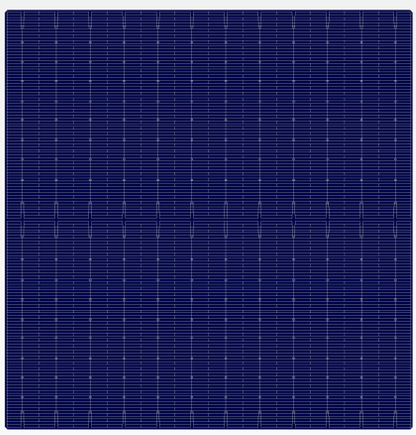
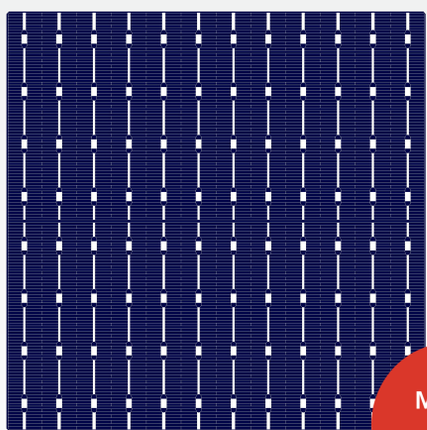
Solaris Panabo

M210-12BB Data Sheet





MADE IN PHILIPPINES

- 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

Add: Anflo, Davao 8105, Philippines **Website**: www.solaris-panabo.com **E-mail**: info@solaris-panabo.com

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TECHNICAL CHARACTERISTICS

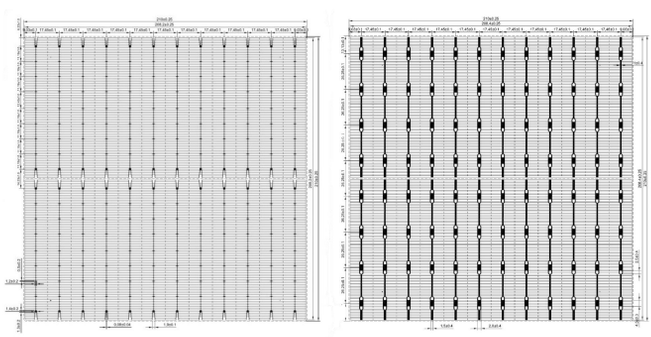
Dimension	210mm*210mm±0.25mm	TkVoltage：-0.36 %/K
Thickness	180±18um	TkCurrent：+0.07%/K
Front	12*0.08±0.04mm main bus bar (silver), 168±15 auxiliary bus bar, blue (dark Blue) anti-reflective film (silicon nitride)	TkPower：-0.38%/K
Back(+)	Back electrode width (silver) 2.2±0.4mm, back covered with aluminum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

LIGHT INTENSITY AND RELIABILITY

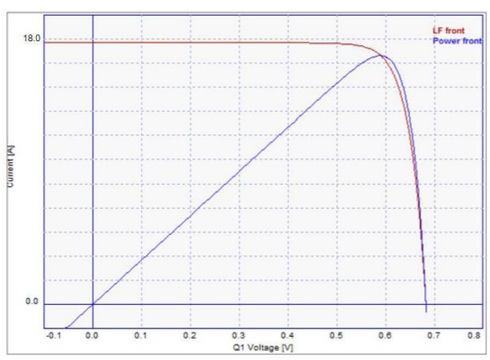
Intensity(W/m²)	Uoc	Isc
1000	1.000	1.000
900	0.996	0.903
800	0.991	0.803
600	0.988	0.602
400	0.962	0.403

The UOC(ISC) tested by 1000W/m² is the standard, and the ISC (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(%)	P_{mmp}(W)	FF(%)	I_{mpp}(A)	U_{mpp}(V)	ISC(A)	Uoc(V)
21.9	9.66	80.94	16.912	0.571	17.888	0.667
22.0	9.70	81.05	16.960	0.572	17.945	0.667
22.1	9.75	81.14	17.037	0.572	17.980	0.668
22.2	9.79	81.16	17.114	0.572	18.057	0.668
22.3	9.83	81.17	17.161	0.573	18.108	0.669
22.4	9.88	81.17	17.328	0.573	18.108	0.672
22.5	9.92	81.18	17.285	0.574	18.160	0.673
22.6	9.97	81.18	17.302	0.576	18.187	0.675
22.7	10.01	81.19	17.348	0.577	18.211	0.677
22.8	10.05	81.30	17.394	0.578	18.240	0.678
22.9	10.10	81.40	17.471	0.578	18.297	0.678
23.0	10.14	81.51	17.517	0.579	18.325	0.679

STC:1000W/m²,AM1.5,25℃

info@solaris-panabo.com