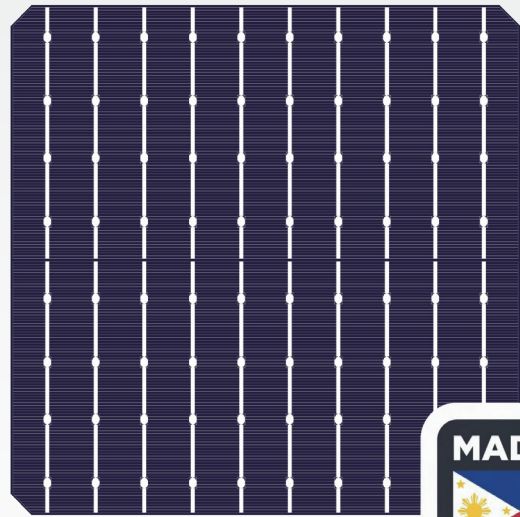
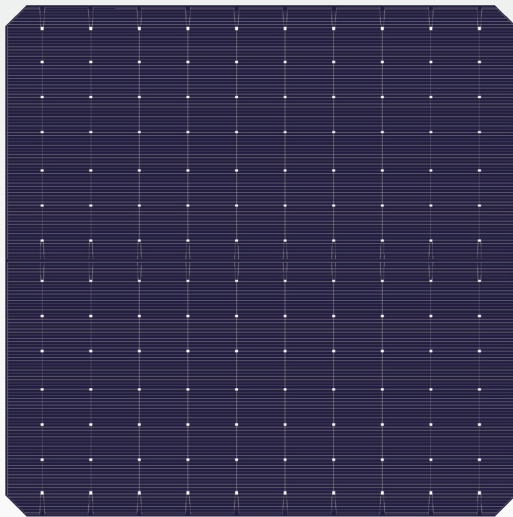


M182.2-183.75-10BB Data Sheet



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

M182.2-183.75-10BB Data Sheet

TECHNICAL CHARACTERISTICS

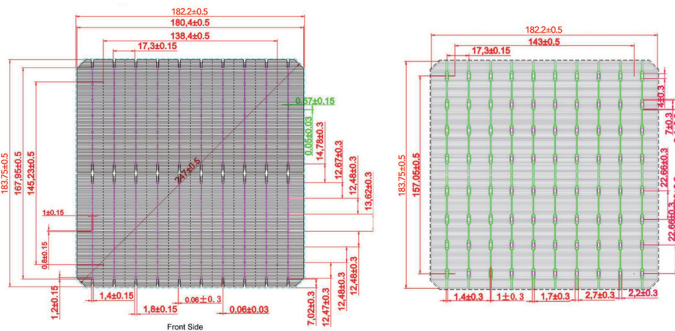
Dimension	182.2mm*183.75mm±0.5mm	TkVoltage:-0.36%/K
Thickness	135um±13.5um	TkCurrent:+0.07%/K
Front	10*0.06±0.03mm main bus bars(silver). 170 auxiliary bus bars, blue (dark blue) color black anti-reflecting coating(silicon nitride)	TkPower:-0.38%/K
Back(+)	Back electrode width(silver):1.4±0.15mm busbars(silver),covering 180 aluminum bus bars.	Rsh≥50Ω,Irev2≤0.5A

LIGHT INTENSITY AND RELIABILITY

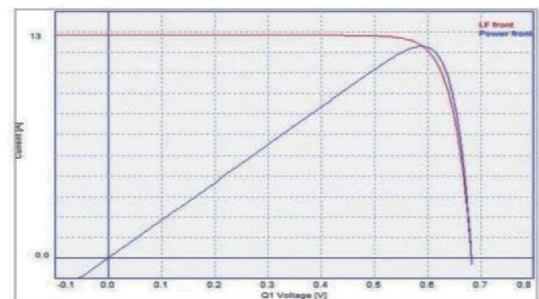
Intensity(W/m ²)	Voc	Isc
1000	1.000	1.000
900	0.996	0.903
800	0.991	0.803
600	0.988	0.602
400	0.962	0.403

The VOC(ISC) tested by $1000\text{W}/\text{m}^2$ is the standard, and the Voc (ISC) decreases with the strong decrease in light.

PRINTING GRAPHICS



IV CURVE



WELDABILITY

Minimum peeling intensity $\geq 1.0\text{N/mm}$

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

ELECTRICAL CHARACTERISTICS

Eff(%)	Pmp(W)	Efficiency(%)	Imp(A)	Vmpp(V)	Isc(A)	Voc(V)
23.6	7.875	23.6-23.6%	12.713	0.617	13.468	0.715
23.5	7.842	23.5-23.6%	12.700	0.616	13.465	0.714
23.4	7.808	23.4-23.5%	12.692	0.615	13.449	0.713
23.3	7.775	23.3-23.4%	12.987	0.614	13.612	0.714
23.2	7.741	23.2-23.3%	12.963	0.613	13.591	0.713
23.1	7.708	23.1-23.2%	12.930	0.612	13.561	0.712
23.0	7.675	23.0-23.1%	12.902	0.611	13.535	0.712
22.9	7.641	22.9-23.0%	12.882	0.609	13.523	0.711
22.8	7.608	22.8-22.9%	12.865	0.608	13.518	0.710
22.7	7.575	22.7-22.8%	12.848	0.606	13.507	0.709
22.6	7.541	22.6-22.7%	12.820	0.605	13.484	0.708
22.5	7.508	22.5-22.6%	12.802	0.602	13.464	0.707
22.4	7.474	22.4-22.5%	12.783	0.601	13.490	0.707
22.3	7.441	22.3-22.4%	12.815	0.597	13.557	0.708
22.2	7.408	22.2-22.3%	12.726	0.599	13.478	0.708
22.1	7.374	22.1-22.2%	12.717	0.596	13.484	0.708
22.0	7.341	22.0-22.1%	12.718	0.597	13.481	0.707

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