

M182.2-183.75 10BB Data Sheet



Extremely low light-induced degradation



Strong low-light response



Low temperature poly-Si deposition process



Advanced Laser-enhanced contact optimization



Extremely low light-induced degradation



High module sealed power



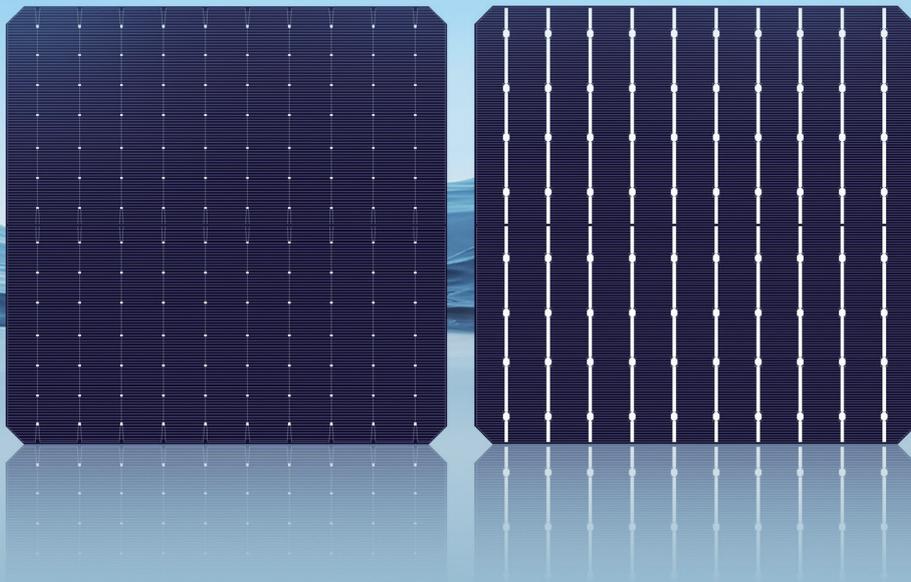
Advanced passivation & doping technology



Strong weather resistance



Extremely low light-induced degradation



M182.2-183.75 10BB Data Sheet

TECHNICAL CHARACTERISTICS

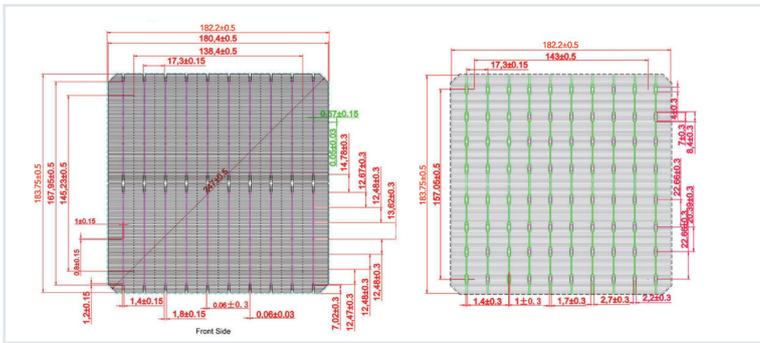
Dimension	182.2mm*183.75mm±0.5mm	TkVoltage:-0.36%/K
Thickness	135±13.5um	TkCurrent:+0.07%/K
Front	10*0.06±0.03mm main bus bars(silver). 170 auxiliary bus bars, blue (dark blue) color TkPower:-0.38%/K black anti-reflecting coating(silicon nitride)	
Back(+)	Back electrode width(silver):1.4±0.15mm busbars(silver),covering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

LIGHT INTENSITY AND RELIABILITY

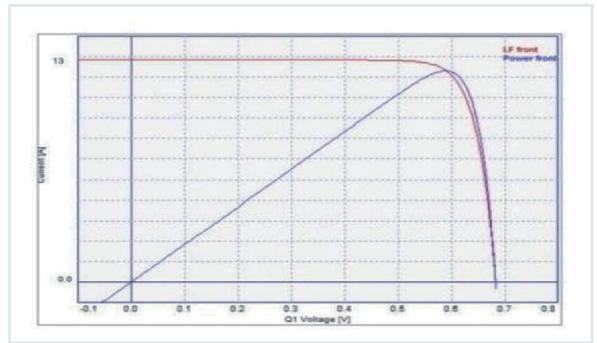
Intensity(W/m ²)	Voc	Isc
1000	1.000	1.000
900	0.996	0.903
800	0.991	0.803
600	0.988	0.602
400	0.962	0.403

The Voc(Isc) tested by 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.

ELECTRICAL CHARACTERISTICS

Eff(%)	Pmpp(W)	Efficiency	I _{mp} (A)	V _{mp} (V)	I _{sc} (A)	V _{oc} (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.