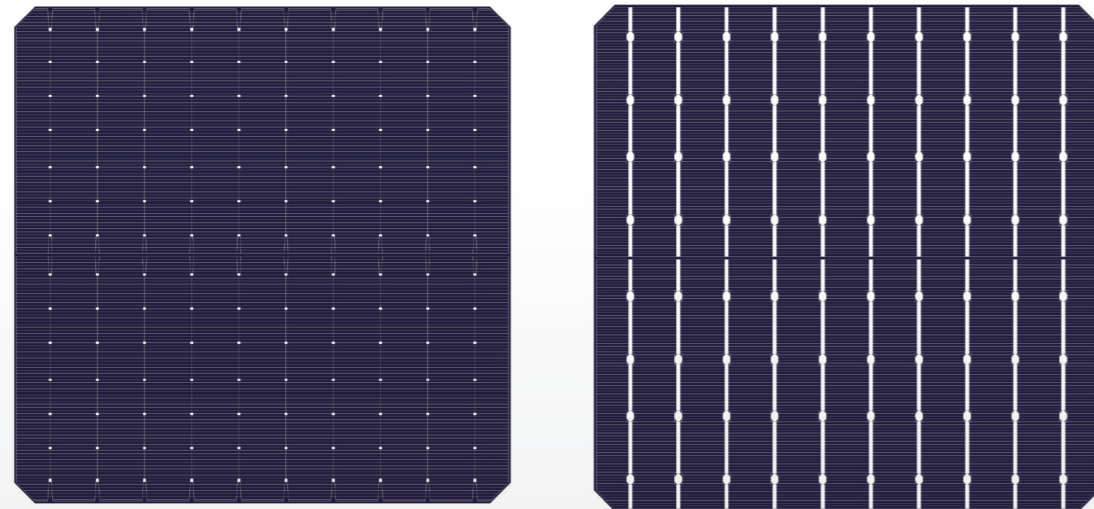
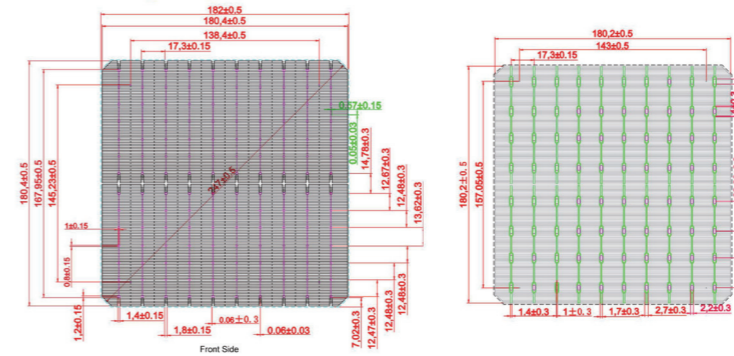


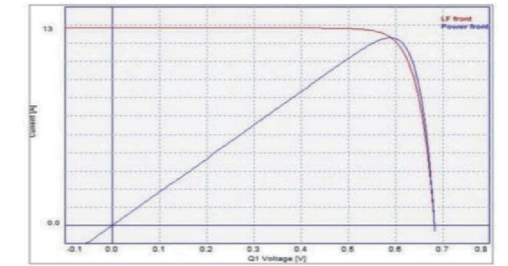
# M182-10BB DATA SHEET



## 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.

## Technical Characteristics

Dimension	Thickness	Front	Back(+)
182mm*182mm $\pm 0.5\text{mm}$	165 $\pm 16.5\mu\text{m}$	10*0.06 $\pm 0.03\text{mm}$ main bus bars (silver).170 auxiliary bus bars, blue (dark blue) color black anti-reflecting coating(silicon nitride)	Back electrode width (silver):1.4 $\pm 0.15\text{mm}$ busbars (silver),covering 180 aluminum bus bars.
TkVoltage:-0.36 %/K	TkCurrent:+0.07%/K	TkPower:-0.38%/K	Rsh $\geq 50\Omega$ ,Irev2 $\leq 0.5\text{A}$

## Light Intensity and Reliability

Intensity(W/m <sup>2</sup> )	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/m<sup>2</sup> is the standard, and the ISC (ISC) decreases with the strong decrease in light.

## Front Side Electrical Performance

Eff(%)	Pmpp(W)	Efficiency	I <sub>mp</sub> (A)	V <sub>mp</sub> (V)	ISC(A)	Voc(V)
23.3	7.69	23.3-23.4%	12.967	0.594	13.592	0.694
23.2	7.66	23.2-23.3%	12.943	0.593	13.571	0.693
23.1	7.63	23.1-23.2%	12.910	0.592	13.541	0.692
23.0	7.59	23.0-23.1%	12.882	0.591	13.515	0.692
22.9	7.56	22.9-23.0%	12.862	0.589	13.503	0.691
22.8	7.53	22.8-22.9%	12.845	0.588	13.498	0.690
22.7	7.49	22.7-22.8%	12.828	0.586	13.487	0.689
22.6	7.46	22.6-22.7%	12.800	0.585	13.464	0.688
22.5	7.43	22.5-22.6%	12.782	0.582	13.444	0.687
22.4	7.39	22.4-22.5%	12.763	0.581	13.470	0.687
22.3	7.36	22.3-22.4%	12.795	0.577	13.537	0.688
22.2	7.33	22.2-22.3%	12.706	0.579	13.458	0.688

STC 1000W/m<sup>2</sup>,AM1.5,25°C