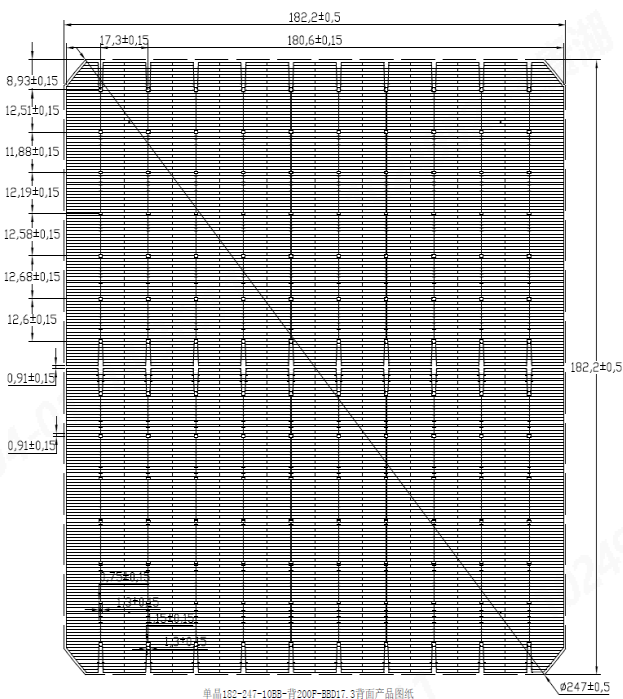
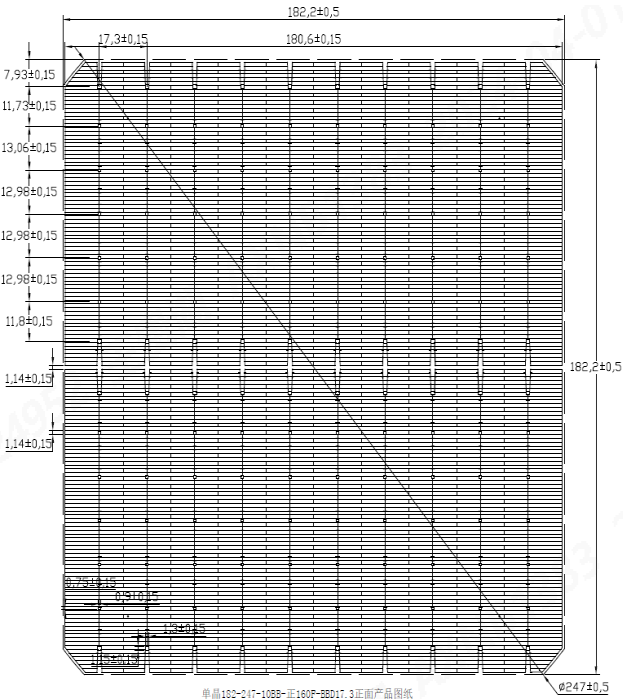




Specifications of 182.2 Monocrystalline 10BB
Bifacial TOPCon Cell

Product Information	
Silicon Type	Mono-crystalline
Size	182.2*182.2±0.5Φ247mm±0.5mm
Front Electrode Pattern	Ten busbars; Interval:17.3mm±0.15mm
Grid Information	Front:160 fingers; Rear:200 fingers
Picture Code	TP87
Solar Cells Model	
Code	VS310BF48B7
Front and Rear Electrode Pattern	





Specifications	Parameter		Tolerance	Unit
Front Surface	Finger Quantity	160	-	Line
	Width of Front Busbar	0.05	±0.035	mm
	Distance Between Front Busbars	17.3	±0.15	mm
Rear Surface	Width of Rear Busbar	0.05	±0.035	mm
	Distance Between Rear Busbars	17.3	±0.15	mm
	Finger Quantity	200	-	Line

Front Efficiency:

Eff(%)	Pmpp(W)	Umpp(v)	Impp(A)	Voc(V)	Isc(A)	FF(%)
25.4	8.38	0.6280	13.344	0.7285	14.078	81.71
25.3	8.35	0.6272	13.312	0.7276	14.066	81.59
25.2	8.32	0.6265	13.281	0.7267	14.065	81.40
25.1	8.29	0.6256	13.251	0.7257	14.067	81.21
25.0	8.25	0.6248	13.204	0.7248	14.051	81.01
24.9	8.22	0.6241	13.170	0.7240	14.043	80.85
24.8	8.19	0.6234	13.137	0.7232	14.037	80.68
24.7	8.15	0.6227	13.089	0.7223	14.010	80.54
24.6	8.12	0.6220	13.055	0.7215	13.998	80.40
24.5	8.09	0.6213	13.021	0.7207	13.990	80.24
24.4	8.06	0.6206	12.987	0.7199	13.974	80.12
24.3	8.02	0.6199	12.937	0.7191	13.945	79.98
24.2	7.99	0.6194	12.900	0.7185	13.949	79.72
24.1	7.96	0.6190	12.860	0.7180	13.945	79.50
24.0	7.92	0.6178	12.821	0.7166	13.946	79.25
23.9	7.89	0.6171	12.786	0.7158	13.947	79.03
23.8	7.86	0.6164	12.747	0.7150	13.919	78.95
23.7	7.82	0.6159	12.702	0.7145	13.889	78.84
23.6	7.79	0.6157	12.654	0.7142	13.861	78.70
23.5	7.76	0.6155	12.604	0.7140	13.827	78.58



Standard Test Condition

Intensity	1000W/m ²
Spectrum	AM1.5G
Temperature	25°C

Temperature Coefficient

Tkvoltage(%/K)	-0.25
TkCurrent(%K)	+0.045
TkPower(%/K)	-0.3

Cell Thickness

Thickness	130±13um
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