

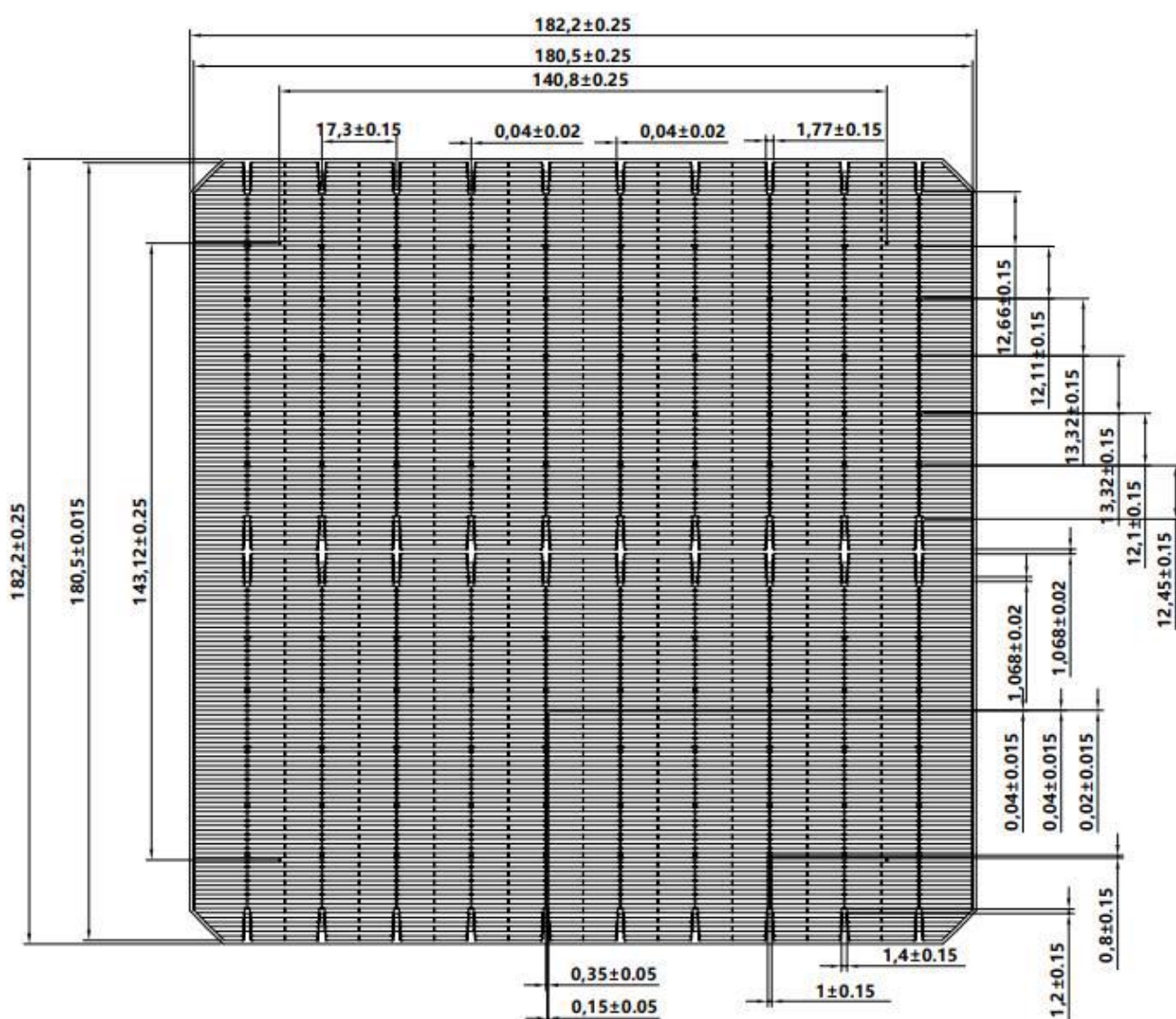


Specifications of 182.2 Monocrystalline 10BB Bifacial PERC Cell

Product Information

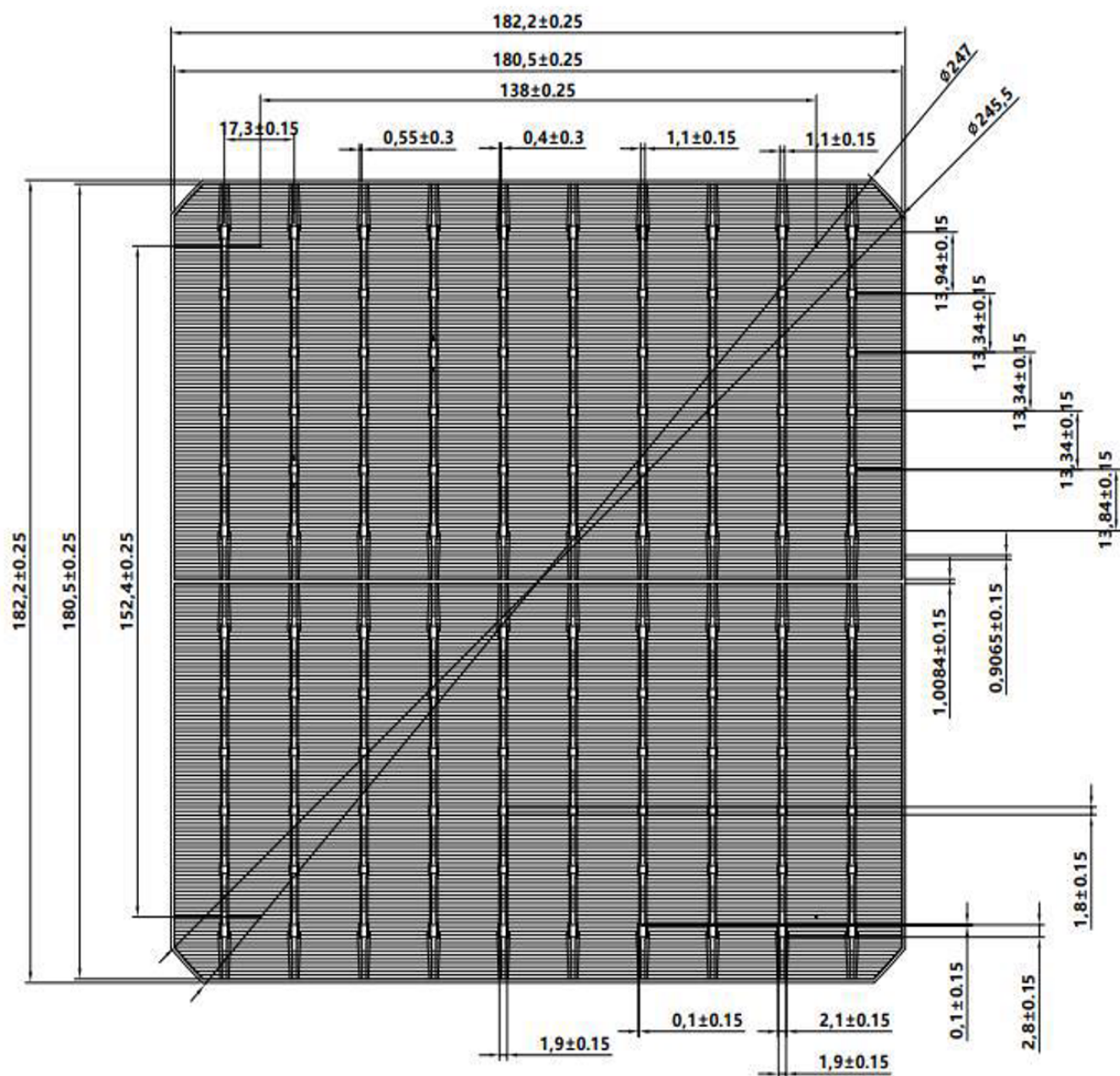
Silicon Type	Mono-crystalline
Size	182.2*182.2±0.25Φ247mm
Front Electrode Pattern	Ten busbars; Interval:17.3mm
Grid Information	Front:170 busbars; Rear:200 busbars
Picture Code	TP86
Solar Cells Model	
Code	VS310BF48B6

Product Appearance; Front Electrode Pattern





Product Appearance; Rear Electrode Pattern





Specifications	Parameter		Tolerance	Unit
Front Surface	Finger Quantity	170	-	Line
	Width of Front Busbar	1.4/1.2 1/0.8	±0.15	mm
	Distance Between Front Busbars	17.3	±0.15	mm
Rear Surface	Width of Rear Busbar	0.55/0.4	±0.3	mm
	Distance Between Rear Busbars	0.9065	±0.15	mm
	Finger Quantity	200	-	Line

Front Efficiency

Eff(%)	Efficiency	Pmpp(W)	Impp(A)	Umpv(v)	Isc(A)	Uoc(V)
23.5	23.5-23.6	7.76	12.878	0.601	13.579	0.697
23.4	23.4-23.5	7.72	12.85	0.600	13.541	0.696
23.3	23.3-23.4	7.69	12.821	0.599	13.502	0.695
23.2	23.2-23.3	7.66	12.792	0.598	13.463	0.694
23.1	23.1-23.2	7.63	12.78	0.597	13.425	0.693
23	23.0-23.1	7.59	12.745	0.596	13.386	0.692
22.9	22.9-23.0	7.56	12.683	0.595	13.287	0.691
22.8	22.8-22.9	7.53	12.656	0.594	13.263	0.69
22.7	22.7-22.8	7.49	12.635	0.593	13.25	0.689
22.6	22.6-22.7	7.46	12.604	0.592	13.226	0.688
22.5	22.5-22.6	7.43	12.57	0.591	13.187	0.687
22.4	22.4-22.5	7.39	12.535	0.59	13.147	0.686
22.3	22.3-22.4	7.36	12.5	0.589	13.108	0.685
22.2	22.2-22.3	7.33	12.465	0.588	13.068	0.684
22.1	22.1-22.2	7.3	12.43	0.587	13.028	0.683
22	22.0-22.1	7.26	12.395	0.586	12.988	0.682
21.9	21.9-22.0	7.23	12.36	0.585	12.948	0.681



Standard Test Condition

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

Temperature Coefficient

Voc	-0.3%/°C
Isc	+0.06%/°C
Pm	-0.39%/°C

Cell Thickness

Thickness	170±17um
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