



FOUR SEAS SOLAR

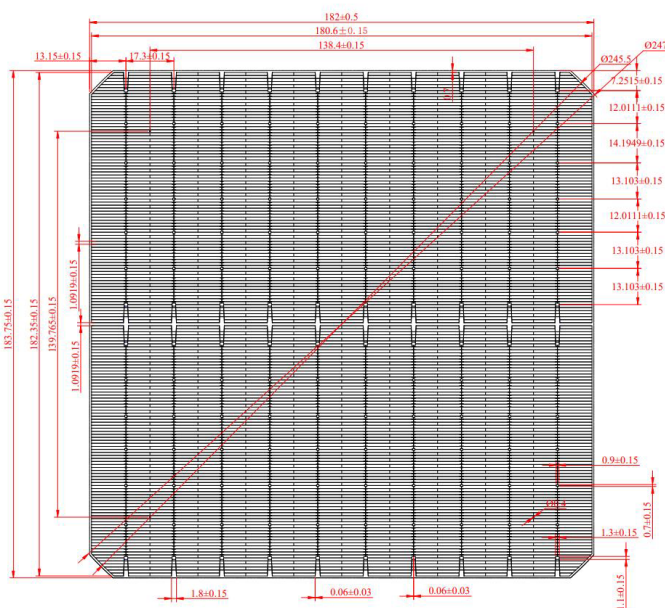
TSM10M0110 PLUS

Specification of 183.75 Mono Crystalline 10BB Bifacial Half Slice Pattern Cell (TH) (182*183.75 $\varnothing$ 247)

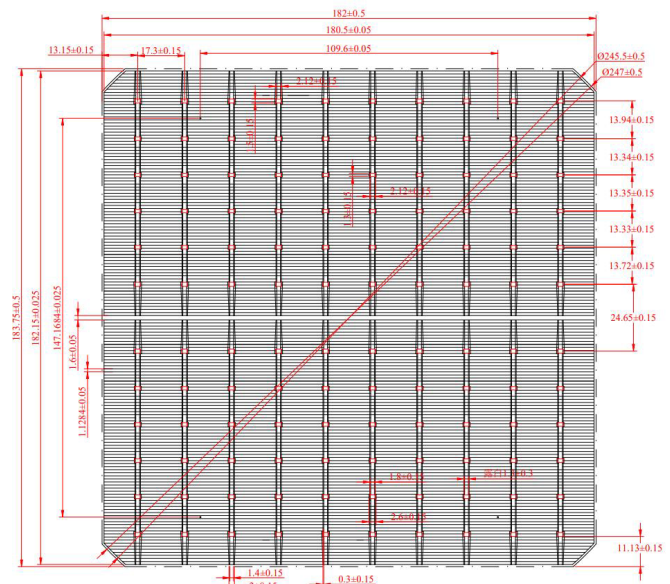
PRODUCT LIST

Silicon type	Mono-crystalline
Size	182*183.75mm $\pm$ 0.5 $\varnothing$ 247mm
Front electrode pattern	ten busbar interval: 17.30mm
Graphics code	YG41

PRODUCT APPEARANCE



Front



Back



FOUR SEAS SOLAR

CELL SPECIFICATION PARAMETERS

Parameter items		Standard		Tolerance	Unit
Frontsurface	A	Finger quantity	168	-	Line
	B	Front busbar width	1.3/0.9	±0.15	mm
	C	Distance between busbars	17.3	±0.15	mm
Rear surface	a	Back busbar width	0.3/0.3	±0.15	mm
	b	Distance between back busbars	17.3	±0.15	mm
	c	Back finger quantity	162	-	Line

ELECTRICAL PERFORMANCE

Eff(%)	Efficiency	Pmpp(W)	Impp(A)	Umpp(V)	Isc(A)	Uoc(V)
23.3	23.3+	7.76	12.954	0.599	13.625	0.695
23.2	23.2-22.3	7.73	12.919	0.598	13.592	0.694
23.1	23.1-23.2	7.7	12.884	0.597	13.558	0.693
23	23.0-23.1	7.66	12.856	0.596	13.507	0.692
22.9	22.9-23.0	7.62	12.82	0.595	13.456	0.691
22.8	22.8-22.9	7.59	12.785	0.594	13.423	0.690
22.7	22.7-22.8	7.55	12.75	0.593	13.371	0.689
22.6	22.6-22.7	7.52	12.714	0.592	13.338	0.688
22.5	22.5-22.6	7.49	12.679	0.591	13.304	0.687
22.4	22.4-22.5	7.45	12.644	0.59	13.252	0.686
22.3	22.3-22.4	7.42	12.609	0.589	13.218	0.685
22.2	22.2-22.3	7.39	12.573	0.588	13.184	0.684

Standard Test Conditions: 1000W/m², AM1.5, 25 °C

STANDARD TEST CONDITION(STC)

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

STANDARD TEST CONDITION(STC)

a.Voc	-0.3%/ °C
b.Isc	-0.06%/ °C
c.Pm	-0.39%/ °C

CELL THICKNESS

Thickness	165±16.5μm
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PACKAGING, STORAGE

Solar cells are closely packed with soft sponge around and heat shrink is used around the box unit, Outer packing box must have shock buffer, to be suitable for long-distance delivery.

After packaging, cells should be stored indoors in the conditions of good ventilation, dry, humidity below 60%, and temperature ≤40 °C. Cells should be sampling inspected again if the storage time over 45 days.



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