

Cell

P-PERC

182-10BB



TOP PV TECH,
DRIVING ONWARD FOR GREEN ENERGY

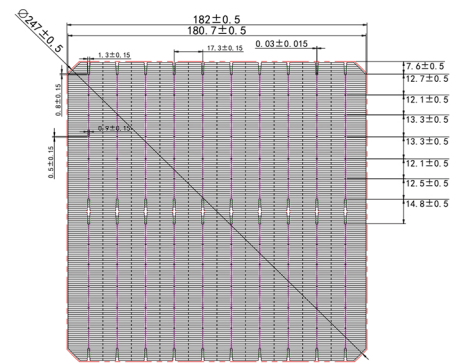
Monocrystalline Silicon Cell Specification

P-PERC-M10-10BB-Grade A

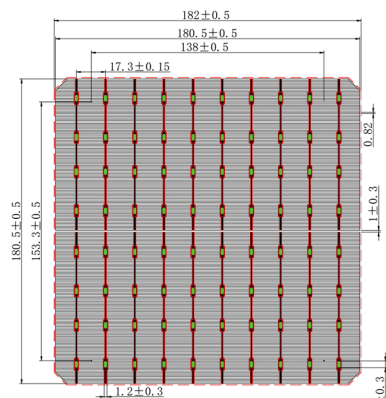
Product list	
Silicon type	Mono-crystalline
size	182*182±0.5Φ247mm
Front surface	ten busbar/interval: 17.3mm±0.15mm Front busbar width: 1.3/0.8±0.15mm 0.9/0.5±0.15mm
Rear surface	ten busbar/interval: 17.3mm±0.15mm Back electrode: 1.2 ±0.3mm
Thickness	175±17.5μm

Standard Test Condition (STC)	
a.Intensity	1000W/m ²
b.Spectrum	AM1.5G
c.Temperature	25℃

Temperature coefficient	
a.Voc	-0.3%/℃
b.Isc	+0.06%/℃
c.Pm	-0.39%/℃



Front surface



Rear surface

Front Efficiency						
Eff(%)	Efficiency	Pmpp(W)	Impp(A)	Umpp(v)	Isc(A)	Uoc(V)
23.3	> 23.3	7.69	12.842	0.599	13.506	0.695
23.2	23.2-23.3	7.66	12.808	0.598	13.466	0.694
23.1	23.1-23.2	7.63	12.773	0.597	13.426	0.693
23.0	23-23.1	7.61	12.745	0.596	13.386	0.692
22.9	22.9-23	7. 58	12.705	0.595	13.346	0.691
22.8	22.8-22.9	7. 53	12.675	0.594	13.306	0.690
22.7	22.7-22.8	7. 50	12.640	0.593	13.266	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	12.570	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	12.500	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. 30	12.430	0.587	13.028	0.683
22	22-22.1	7. 26	12.395	0.586	12.988	0.682