



JHPVTECH

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182 P Mono-crystalline Silicon Solar Cell

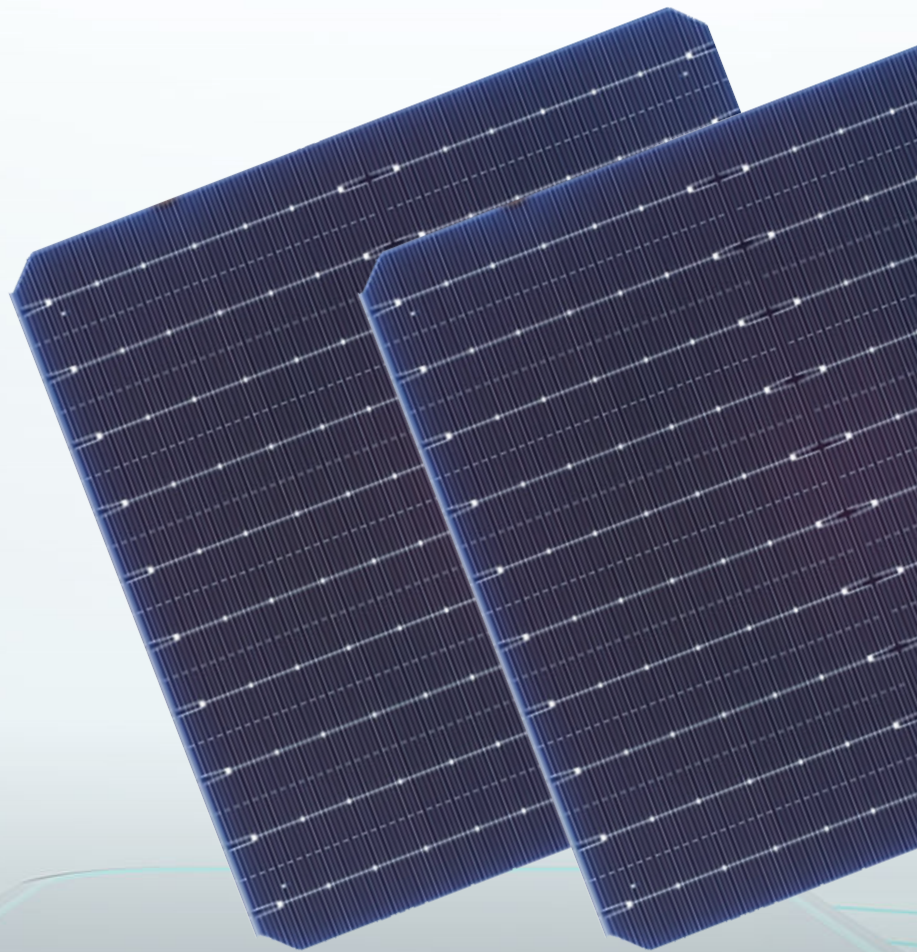
efficiency of testing production

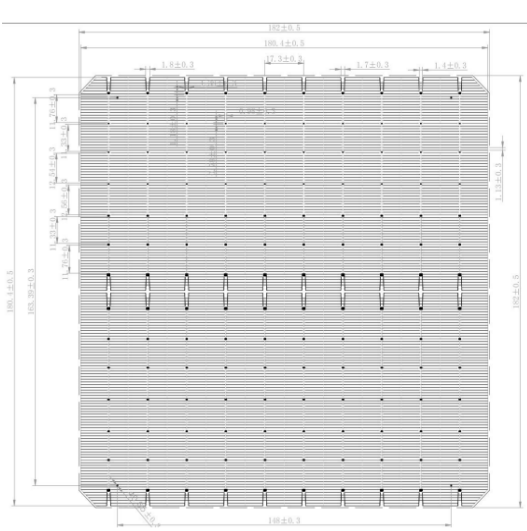
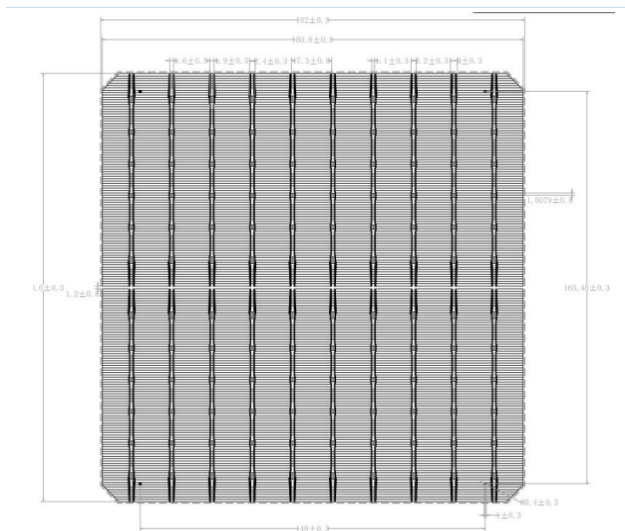
22.2~23.2%



Dimension : 182mm×183.75mm±0.5mm Cell

Thickness : 150μm±10μm

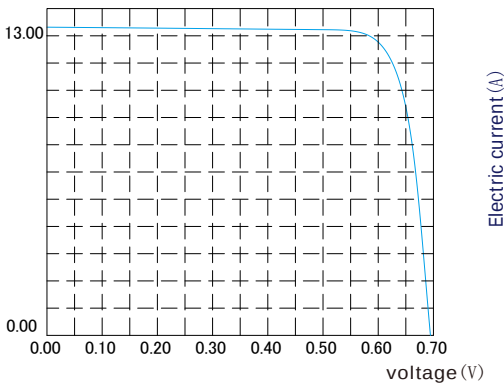
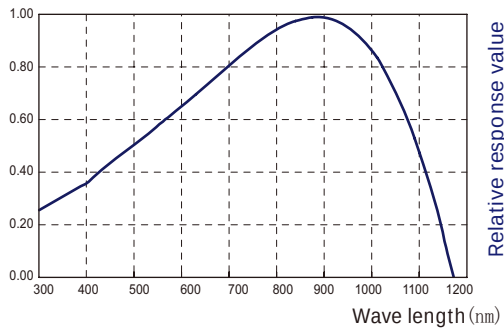




Electrical performance

Conversion efficiency	Peak power	Peak voltage	Peak current	Open-circuit	Short-circuit
NCell(%)	Pmpp(W)	Vmp(V)	Imp(A)	voltage Voc(V)	current Isc(A)
23.2	7.75	0.591	12.965	0.692	13.593
23.1	7.72	0.590	12.924	0.691	13.584
23.0	7.69	0.589	12.888	0.690	13.577
22.9	7.65	0.588	12.850	0.689	13.568
22.8	7.62	0.587	12.819	0.688	13.560
22.7	7.59	0.586	12.785	0.687	13.554
22.6	7.55	0.585	12.755	0.686	13.548
22.5	7.52	0.584	12.729	0.684	13.541
22.4	7.49	0.582	12.709	0.683	13.534
22.3	7.45	0.580	12.685	0.681	13.528
22.2	7.42	0.579	12.652	0.680	12.501

Spectral response characteristic



Current-voltage characteristic curve

Physical Characteristics

Substrate material	182 P Mono-crystalline Silicon Solar Cell
Cell thickness	150μm±10μm
Dimension	182mm×183.75mm±0.5mm

Front (-)	9*0.1±0.05mm
Back (+)	1.4±0.5mm