



JHPVTECH

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182 183.75 N Mono-crystalline Silicon Solar Cell

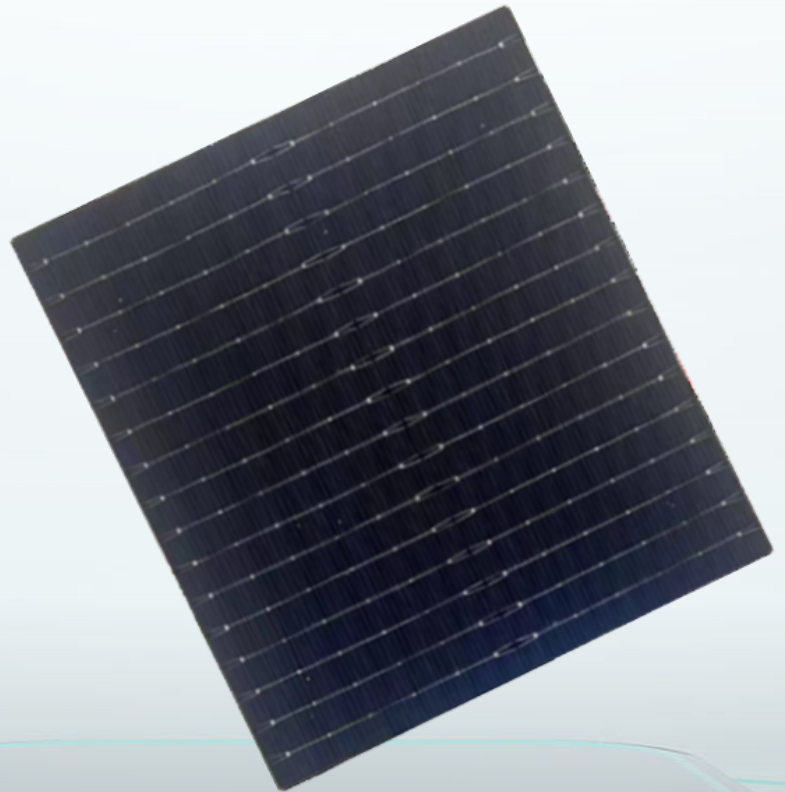
efficiency of testing production

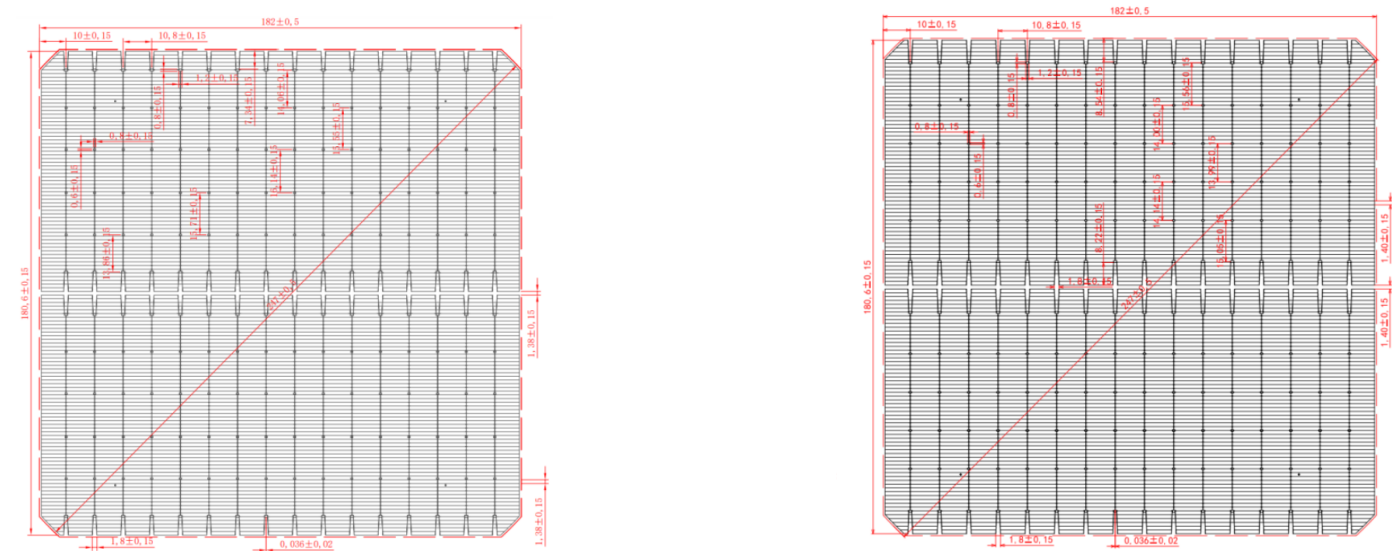
24~25.3%



Dimension : 182mm×183.75mm±0.5mm Cell

Thickness : 130μm±8μm

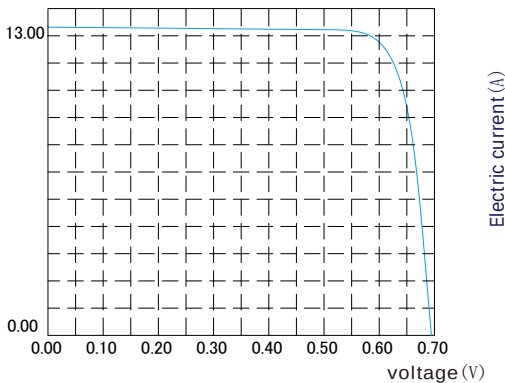
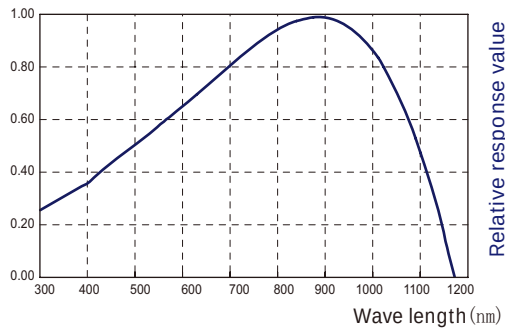




Electrical performance

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)
25.3	8.47	0.634	13.3439	0.7373	14.14
25.2	8.43	0.633	13.3175	0.7363	14.13
25.1	8.40	0.632	13.2911	0.7353	14.12
25.0	8.37	0.631	13.2647	0.7342	14.11
24.9	8.33	0.630	13.2222	0.7332	14.10
24.8	8.30	0.629	13.1955	0.7322	14.09
24.7	8.27	0.626	13.2109	0.7312	14.08
24.6	8.23	0.6259	13.1491	0.7301	14.07
24.5	8.20	0.6257	13.1053	0.7291	14.06
24.4	8.17	0.6255	13.0616	0.7281	14.05
24.3	8.13	0.6251	13.0059	0.7270	14.04
24.2	8.10	0.625	12.9600	0.7260	14.03
24.1	8.07	0.6247	12.9182	0.7250	14.02
24.0	8.03	0.6245	12.9593	0.7239	14.01

Spectral response characteristic



Current-voltage characteristic curve

Physical Characteristics

Substrate material	182 N Mono-crystalline Silicon Solar Cell	Front (-)	9*0.1±0.05mm
Cell thickness	130μm±8μm		
Dimension	182mm×183.75mm±0.5mm	Back (+)	1.4±0.5mm