



JHPVTECH

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182 N Mono-crystalline Silicon Solar Cell

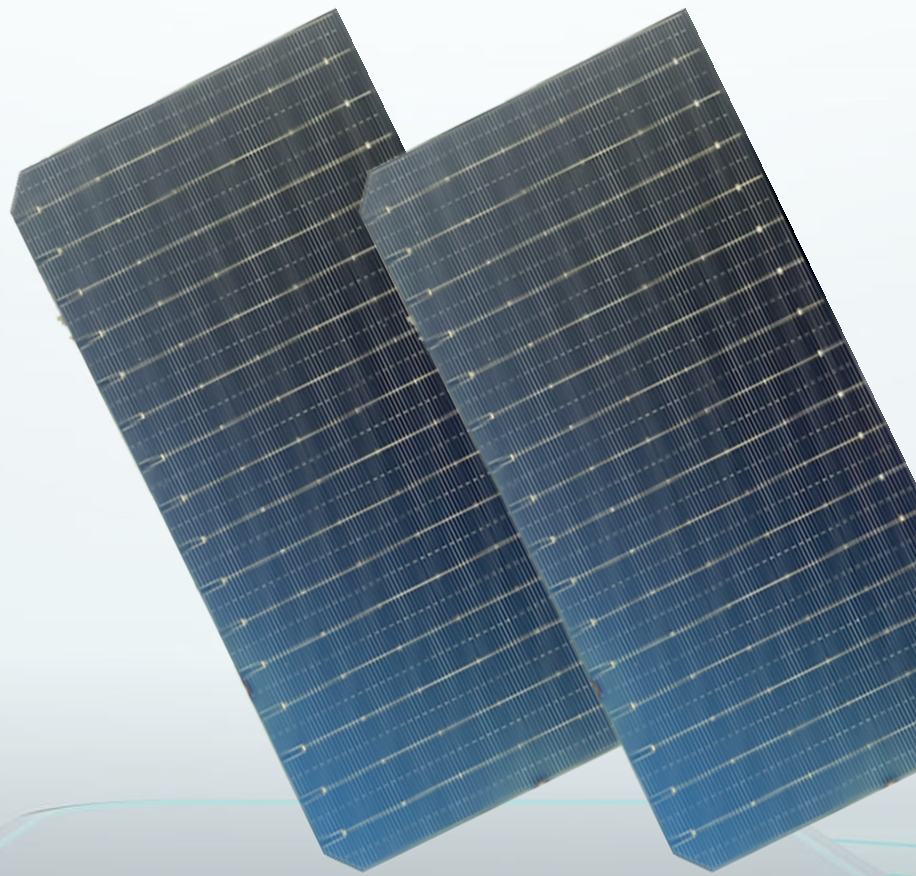
efficiency of testing production

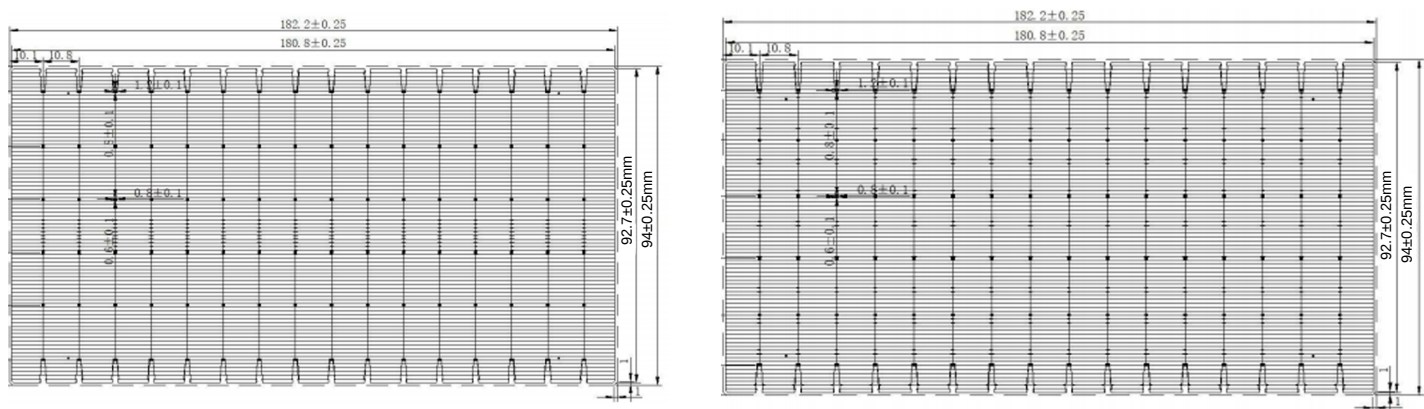
23.3~24.7%



Dimension : 182.2mm×94mm±0.5mm Cell

Thickness : 130μm±8μm

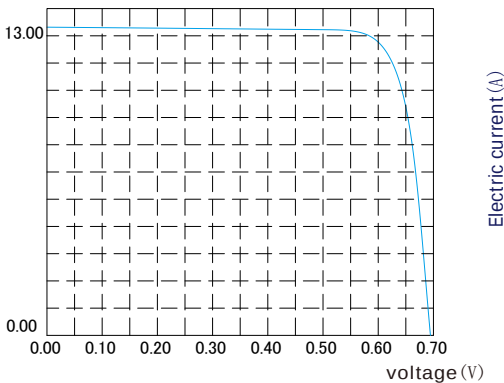
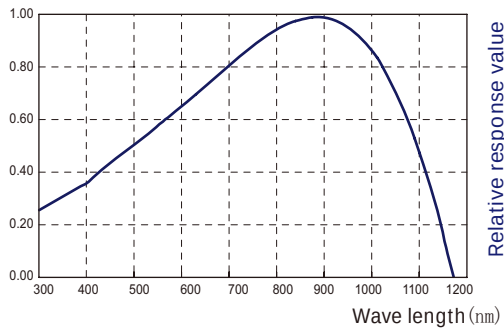




Electrical performance

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)
24.7	4.230	0.622	13.111	0.712	13.787
24.6	4.213	0.620	13.091	0.711	13.776
24.5	4.196	0.619	13.068	0.709	13.759
24.4	4.178	0.617	13.031	0.707	13.755
24.3	4.161	0.617	12.999	0.705	13.752
24.2	4.144	0.615	12.992	0.703	13.750
24.1	4.127	0.614	12.960	0.701	13.734
24.0	4.110	0.612	12.948	0.699	13.730
23.9	4.093	0.610	12.936	0.698	13.707
23.8	4.076	0.608	12.925	0.697	13.687
23.7	4.059	0.606	12.913	0.696	13.663
23.6	4.041	0.604	12.901	0.695	13.643
23.5	4.024	0.602	12.889	0.694	13.615
23.4	4.007	0.600	12.877	0.693	13.592
23.3	3.990	0.598	12.865	0.692	13.577

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	182.2mm×94mm±0.5mm	Back (+)	1.4±0.5mm