



JHPVTECH

TEL : +86 15258241934 WEB : www.jhptech.com Email : Sales@jhptech.com

182 182 N Mono-crystalline Silicon Solar Cell

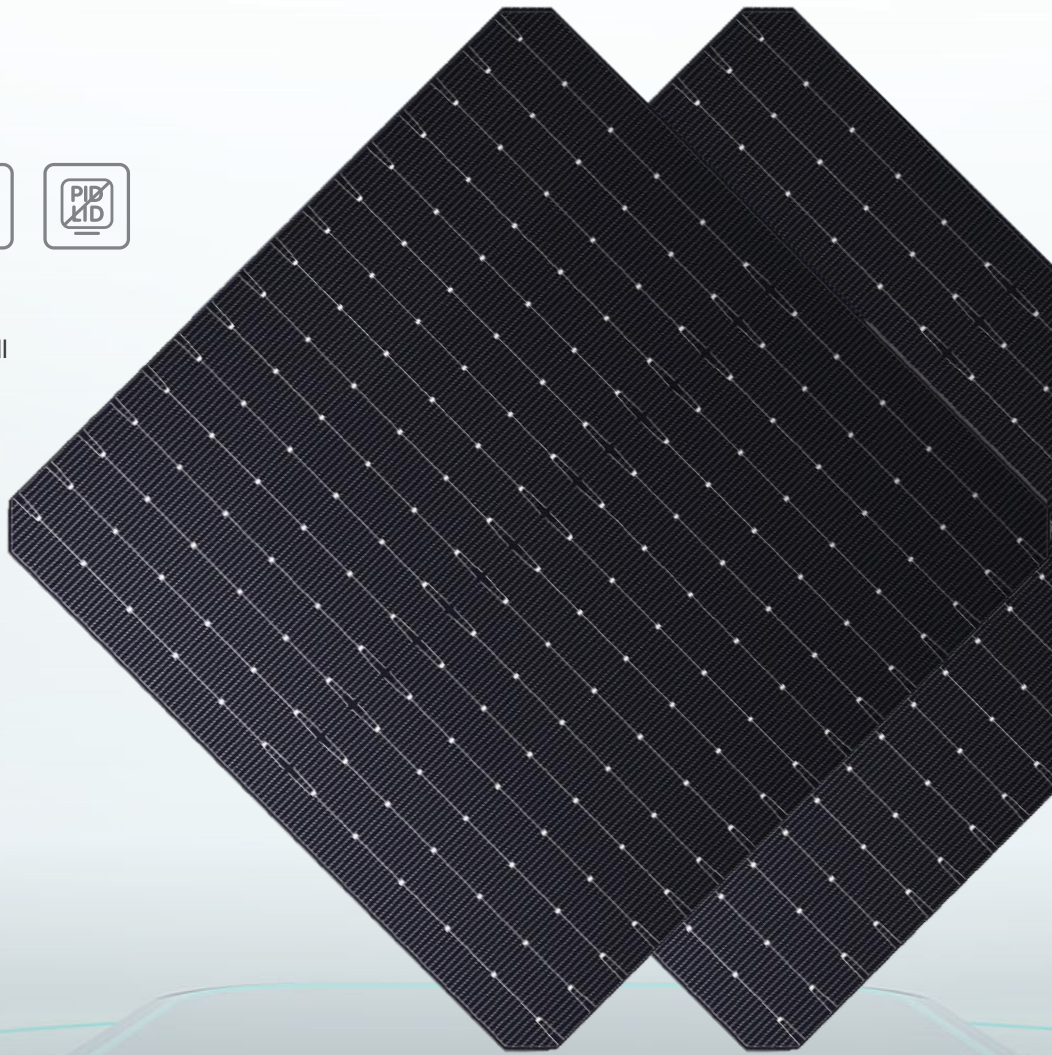
efficiency of testing production

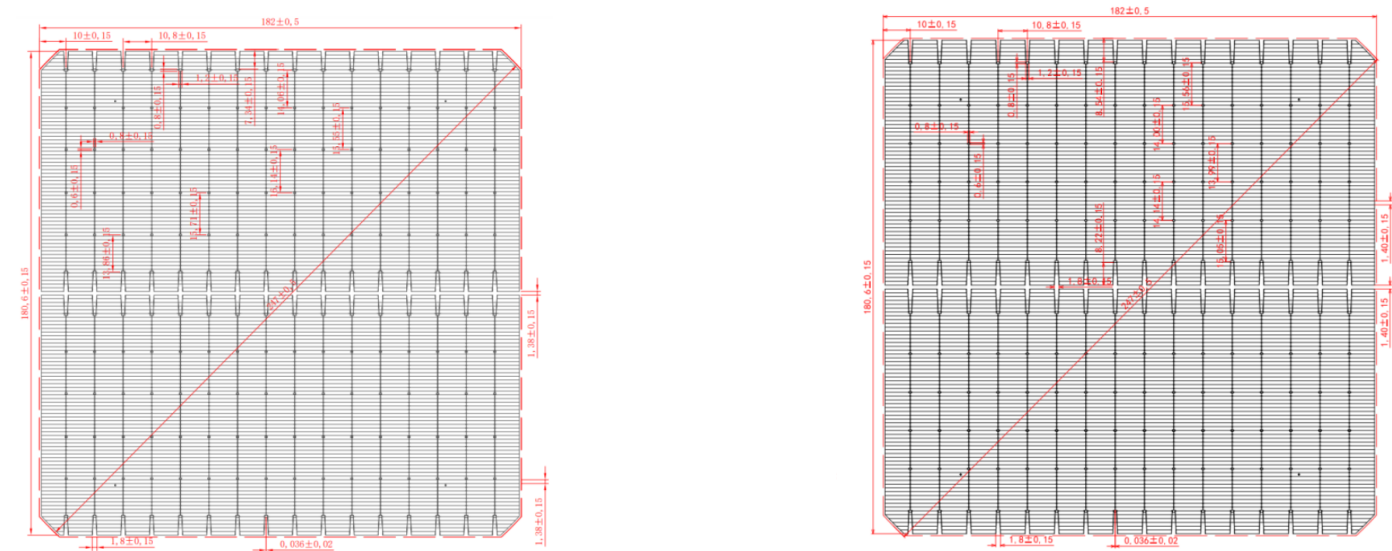
24~25.3%



Dimension : 182mm×182mm±0.5mm Cell

Thickness : 130μm±8μm

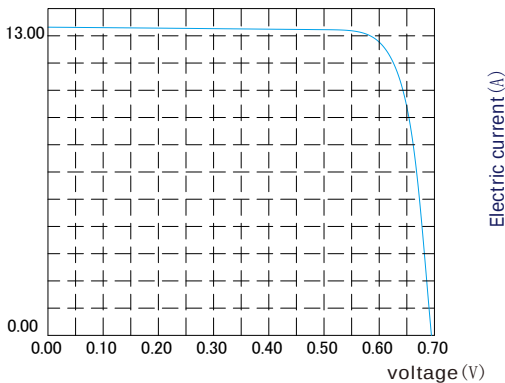
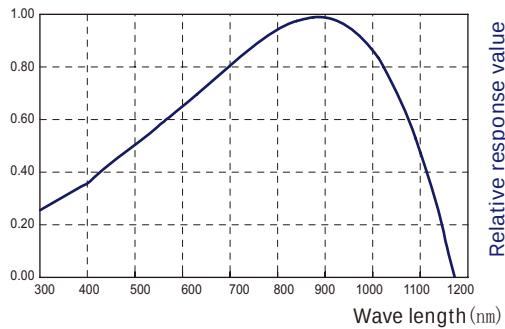




Electrical performance

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	8.353	0.644	12.971	0.734	13.799
25.2	8.320	0.643	12.946	0.733	13.781
25.1	8.287	0.641	12.921	0.732	13.763
25.0	8.254	0.640	12.896	0.731	13.745
24.9	8.221	0.639	12.871	0.730	13.727
24.8	8.188	0.637	12.846	0.729	13.709
24.7	8.155	0.636	12.821	0.728	13.696
24.6	8.122	0.635	12.796	0.727	13.683
24.5	8.089	0.633	12.771	0.726	13.670
24.4	8.056	0.632	12.746	0.725	13.657
24.3	8.023	0.631	12.721	0.724	13.644
24.2	7.990	0.629	12.696	0.723	13.631
24.1	7.957	0.628	12.671	0.722	13.618
24.0	7.924	0.627	12.646	0.721	13.605

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×182mm±0.5mm	Back (+)	1.4±0.5mm