



JHPVTECH

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166 P Mono-crystalline Silicon Solar Cell

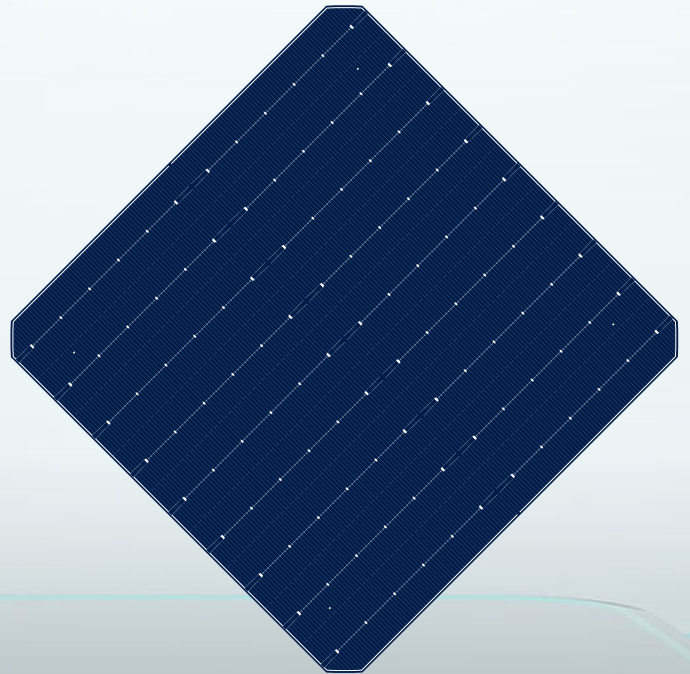
efficiency of testing production

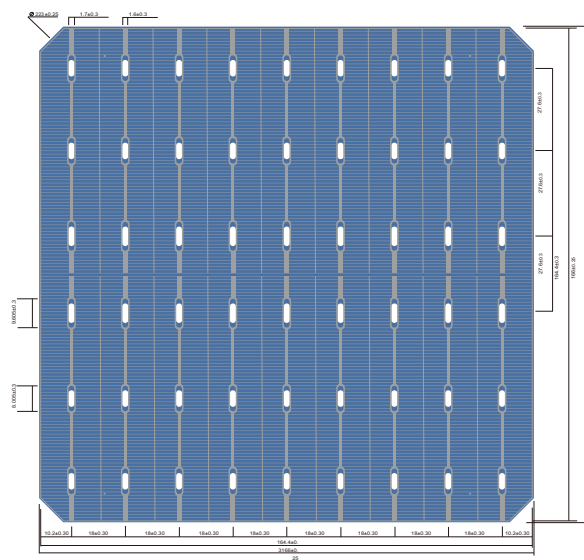
21.5~23.4%



Dimension : 166mm×166mm±0.25mm Cell

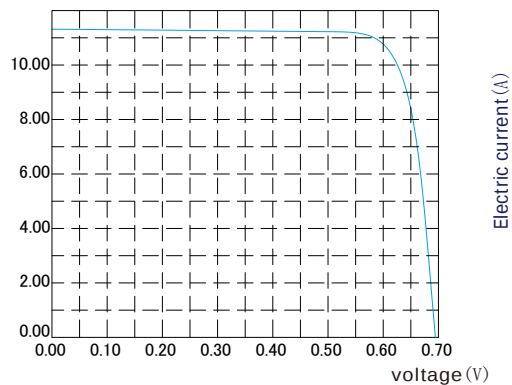
Thickness : 150μm±10μm





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)
≥23.40	6.42	0.5959	10.766	0.6966	11.311
23.30-23.40	6.39	0.5944	10.747	0.6957	11.292
23.20-23.30	6.36	0.5928	10.730	0.6946	11.275
23.10-23.20	6.33	0.5912	10.712	0.6931	11.250
23.00-23.10	6.31	0.5895	10.697	0.6923	11.239
22.90-23.00	6.28	0.5873	10.689	0.6919	11.223
22.80-22.90	6.25	0.5856	10.674	0.6906	11.201
22.70-22.80	6.22	0.5843	10.650	0.6897	11.187
22.60-22.70	6.20	0.5826	10.635	0.6885	11.172
22.50-22.60	6.17	0.5811	10.615	0.6873	11.158
22.40-22.50	6.14	0.5794	10.598	0.6861	11.142
22.30-22.40	6.11	0.5779	10.579	0.6843	11.128
22.20-22.30	6.09	0.5764	10.559	0.6839	11.121
22.10-22.20	6.06	0.5748	10.540	0.6822	11.103
21.50-21.60	5.89	0.5654	10.425	0.6767	11.011

Graph of Relative response value vs Wave length (nm) for the 1000 nm bandpass filter. The curve shows a peak response of 1.00 at approximately 880 nm, with a bandwidth of 100 nm (from 780 nm to 980 nm).



Substrate material	166 P Mono-crystalline Silicon Solar Cell	Front (-)	9*0.1±0.05mm
Cell thickness	150µm±10µm		
Dimension	166mm×166mm±0.25mm	Back (+)	1.4±0.5mm