



210Heterojunction Solar Cells

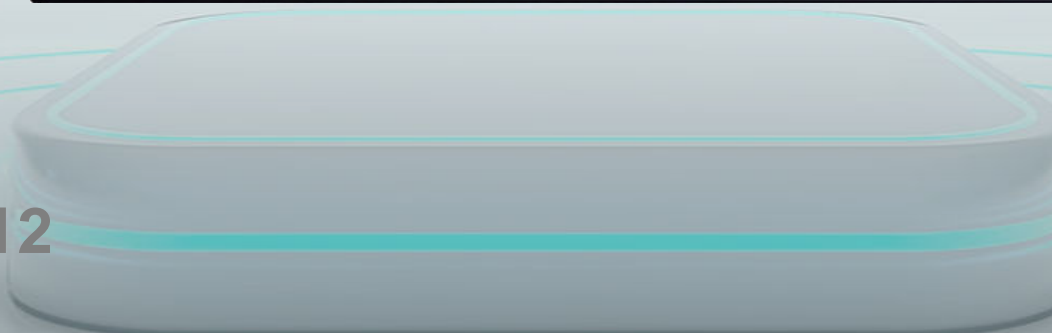
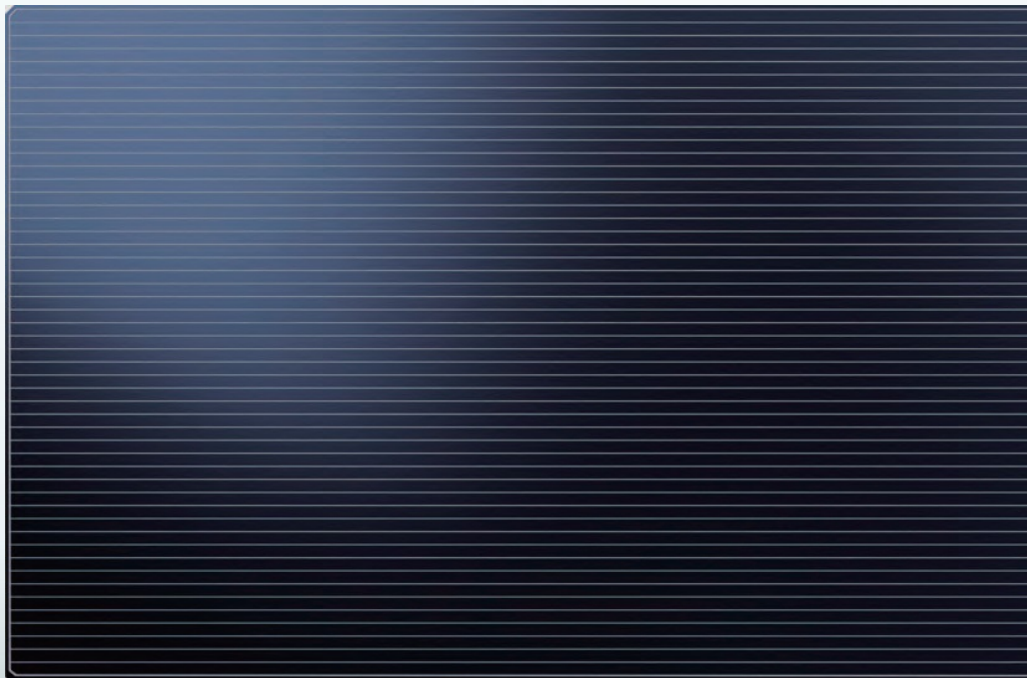
efficiency of testing production

22.8~25.5%



Dimension : 210.1mm ×105.05mm±0.15mm

Cell Thickness : 110μm±15μm

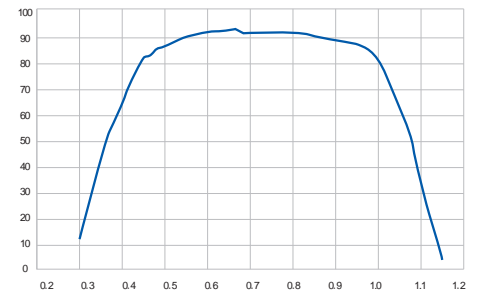
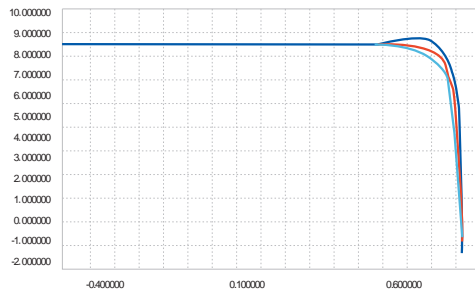
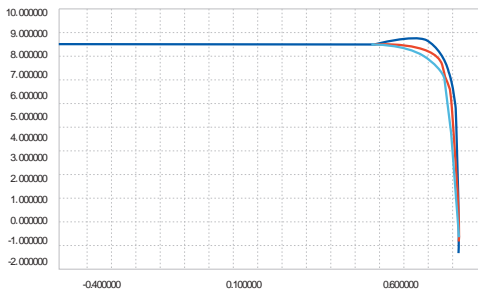


JH2100BBG12

Frontside

Backside

Wavelength (μm)



Electrical Performance

Cell Type	Unit	JH-210M 255	JH-210M 254	JH-210M 253	JH-210M 252	JH-210M 251	JH-210M 250	JH-210M 249	JH-210M 248
Max. Power	Pmpp(W)	5.62	5.60	5.58	5.56	5.53	5.51	5.49	5.47
Current at the Max. Power Point	mp(A)	8.268	8.248	8.227	8.207	8.186	8.166	8.145	8.123
Voltage at the Max. Power Point	Vmpp(V)	0.680	0.679	0.678	0.677	0.676	0.675	0.674	0.673
Short-Circuit Current	Isc(A)	8.752	8.746	8.740	8.734	8.728	8.722	8.716	8.711
Open-Circuit Voltage	Voc(V)	0.7500	0.7498	0.7495	0.7492	0.7490	0.7487	0.7484	0.7482
Filling Factor	FF	85.65	85.39	85.15	84.90	84.64	84.40	84.15	83.89
Efficiency	η [%]	25.5	25.4	25.3	25.2	25.1	25.0	24.9	24.8

Backside Electrical Performance

	JH-210M 255	JH-210M 247	JH-210M 240
Max. Power	5.34	5.18	5.03
Current at the Max. Power Point	7.855	7.710	7.616
Voltage at the Max. Power Point	0.68	0.672	0.661
Short-Circuit Current	8.315	8.250	8.211
Open-Circuit Voltage	0.750	0.748	0.745
Filling Factor	85.64	83.86	82.16
Efficiency	24.23	23.47	22.80

Physical Characteristics

Product	High-efficiency Monocrystalline HJT Solar Cell
Specification	N-type, No busbar, 210.1 * 105.05 ± 0.15 mm
Average Thickness	110±15μm

Front (-) Blue Transparent Conductive Oxide (TCO) Film, No busbar

Back (+) Blue Transparent Conductive Oxide (TCO) Film, No busbar

Temperature Coefficient

Max. Power	Pmax	-0.26%/K
Open-Circuit Voltage	Voc	-0.27%/K
Short-Circuit Current	Isc	+0.055%/K