

210 half Bifacial crystalline silicon Heterojunction Solar Cell

N-type monocrystalline silicon



Efficiency 26%



Up to 85%
Bifaciality



Thinner wafer



PID
Resistance



No
LID



Low temperature
coefficient



Low light
efficiency



CHARACTERISTICS

Size	210mm*105mm±0.25mm
Base material	N-type monocrystalline silicon
Wafer Thickness	120um $\begin{matrix} +20 \\ -10 \end{matrix}$
Front(-)	20×0.04mm busbar (silver), 58 finger (silver), Blue (TCO)
Back(+)	20×0.04mm busbar (silver), 100 finger (silver), Blue (TCO)
Welding tensile strength	≥0.5N



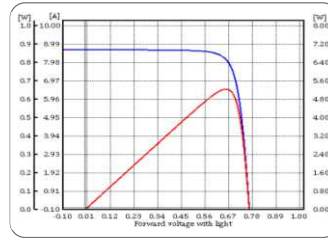
/ The final interpretation right of this technical specification belongs to HJS.
The parameters in the specifications are subject to change without prior notice.

Electrical Characteristics under low irradiance conditions

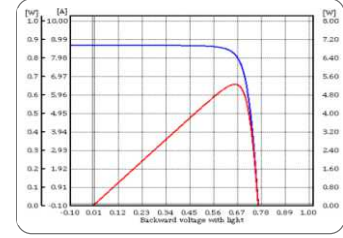
Radioactivity (W/m ²)	Voc	Isc
1000	1	1
900	0.99	0.9
800	0.99	0.8
600	0.98	0.6
400	0.96	0.4

*Based on the Voc(Isc) tested at 1000W/m² as the standard, the tested Voc(Isc) varies with light intensity Decline

Front IV Curve



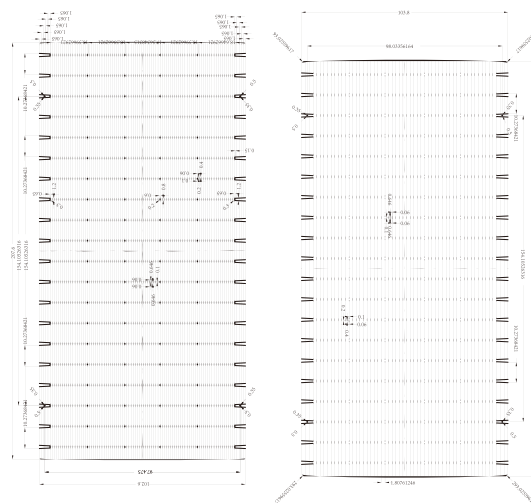
Back IV Curve



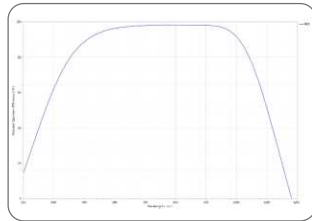
Temperature Characteristics

Voc (%/K)	-0.27
Isc (%/K)	0.055
PMAX (%/K)	-0.26

Assembly drawings (mm)



Frontal spectral response (external quantum efficiency)



Packaging requirements

- The manufacturer of each batch of products should attach a detailed product inspection report
- Product packaging must be printed with product model, production date and other information

storage requirements

- Store in a dry, room temperature, ventilated and cool place that meets packaging and storage conditions;
- Keep the product away from direct sunlight and exposure, and away from heat and fire sources.
- The storage period is determined by the production date and expiration date marked on the product.

Front Electrical Characteristics

Efficiency Code	Efficiency (%)	Pmp (W)	Vmp (V)	Imp (A)	Voc (V)	Isc (A)	FF (%)
HJ-210-257	26.00%	5.7419	0.6814	8.4263	0.7522	8.8492	86.27
HJ-210-256	25.90%	5.7202	0.6797	8.4155	0.7520	8.8461	85.99
HJ-210-255	25.80%	5.6983	0.6782	8.4019	0.7517	8.8365	85.79
HJ-210-254	25.70%	5.6770	0.6761	8.3973	0.7514	8.8324	85.54
HJ-210-253	25.60%	5.6549	0.6743	8.3863	0.7510	8.8287	85.30
HJ-210-252	25.50%	5.6329	0.6718	8.3848	0.7507	8.8262	85.01
HJ-210-251	25.40%	5.6107	0.6702	8.3713	0.7505	8.8200	84.77
HJ-210-250	25.30%	5.5892	0.6681	8.3658	0.7503	8.8205	84.46
HJ-210-249	25.20%	5.5672	0.6666	8.3517	0.7499	8.8166	84.20

* STC: Irradiance 1000W/m², AM1.5, 25°C

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