Cassini

CASSINI ENERGY INC

CA210RHBP16A - Monocrystalline HJT Bifacial Cell Product

Product Technical Features

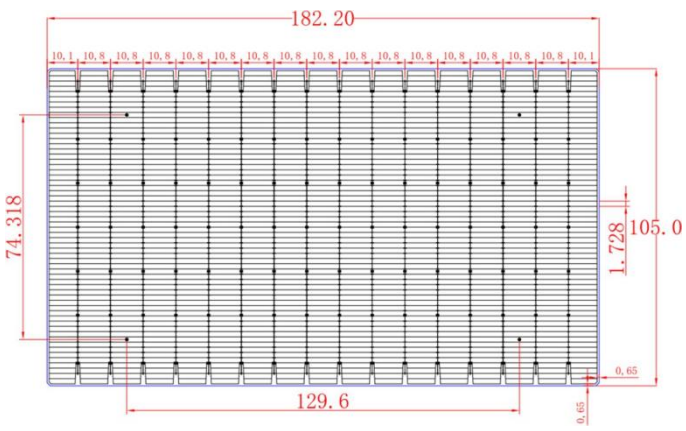
- Wafer gettering combined with microcrystalline cell process to guarantee higher cell efficiency.
- Excellent temperature coefficient ensures more power output in high temperature environments.
- Lower LID and superior anti-PID performance result in extremely low power generation loss.

Mechanical Properties

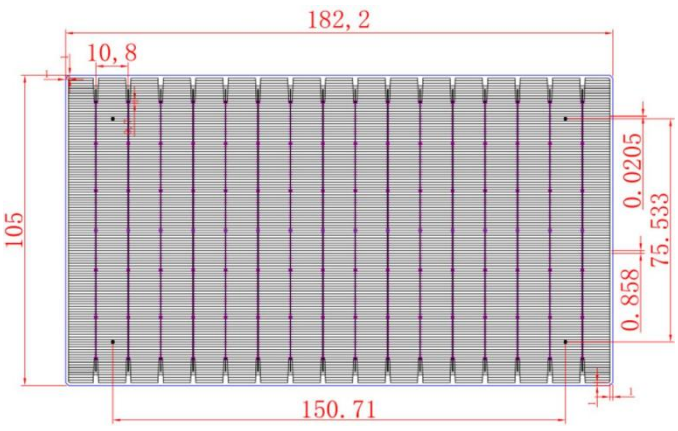
Product	Heterojunction Silicon Solar Cell
Dimension	182.2mm×105mm±0.15mm
Thickness	100μm+15μm /100μm-10μm；110μm+15μm /110μm-10μm； 120μm+15μm /120μm-10μm；130μm+15μm /130μm-10μm
Front side	16 busbars，61 fingers，Coated with anti-reflecting ITO layer
Back side	16 busbars，121 fingers，Coated with anti-reflecting ITO layer

Product Appearance

Front



Back



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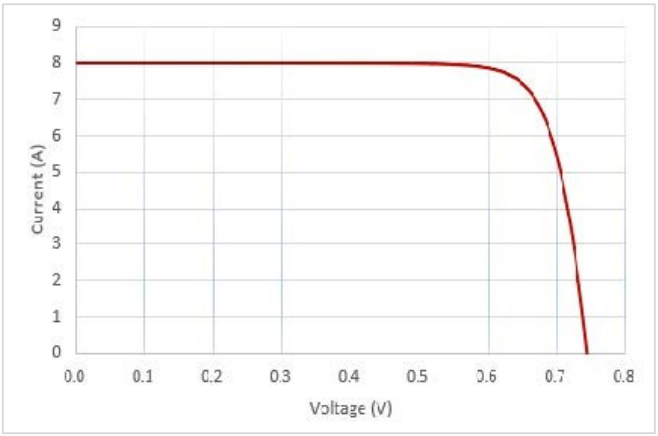
Electrical Characteristics

Efficiency Code	Voc(mV)	Isc(A)	Vmp(mV)	Imp(A)	Pmax(W)
24.8	747.4	7.951	643.3	7.412	4.75
25.0	748.4	7.956	645.8	7.421	4.79
25.1	749.2	7.961	647.9	7.427	4.81
25.2	749.6	7.964	648.5	7.435	4.83
25.3	749.8	7.968	652.0	7.439	4.85
25.4	750.0	7.975	652.9	7.459	4.87
25.5	750.2	7.981	653.6	7.478	4.89
25.6	750.7	7.989	655.1	7.490	4.91
25.7	751.0	7.998	656.5	7.503	4.93
25.8	751.1	8.014	657.5	7.521	4.95
25.9	751.2	8.039	657.8	7.547	4.96
26.0	751.4	8.049	658.7	7.566	4.98
26.1	751.7	8.055	659.2	7.589	5.00
26.2	751.9	8.072	660.7	7.600	5.02
26.3	752.0	8.086	662.2	7.613	5.04
26.4	752.1	8.099	664.1	7.620	5.06

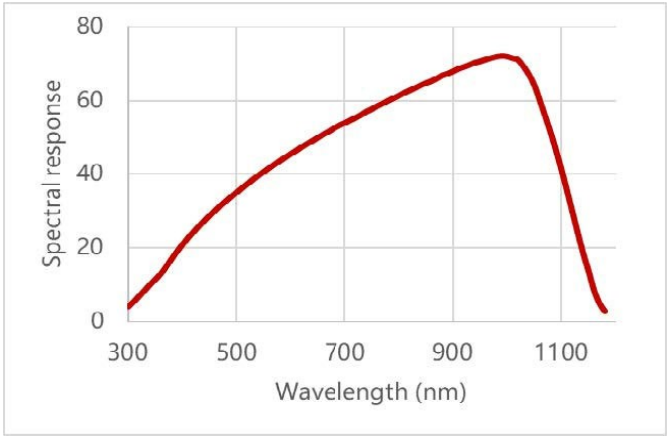
Standard Test Conditions: 1000W/㎡， AM1.5 ， 25℃

The above technical parameters are subject to technical changes and testing. ZEMA NEW ENERGY reserves the right of final interpretation.

I-V Curve



Spectral Response（SR）



Temperature Coefficient

Power Temperature Coefficient	-0.20 %/k
Voltage Temperature Coefficient	-0.19 %/k
Current Temperature Coefficient	+0.02 %/k

Packaging and Storage

The packaging box is shrink - wrapped, with foam air cushions around for shock absorption and cushioning, providing the best protection during transportation.

The packaged cells should be stored in a well - ventilated and dry indoor environment. The humidity should be controlled below 60% RH, the temperature should be controlled below 25±5 °C, and the storage time should not exceed 60 days.

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