SunSync 和光同程

N Type Mono-crystalline Bifacial TOPCon Solar Cell

HG210RT216B

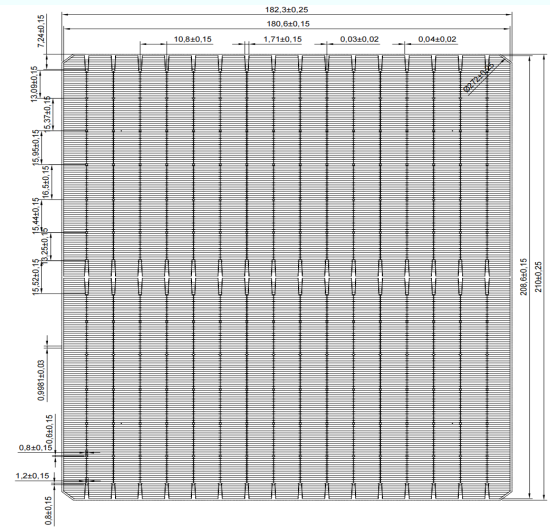
FEATURES

- High efficiency，Excellent reliability
- Better Weak light response
- Low temperature Poly-Si Deposition
- Precise Boron doping
- Extremely low LID
- Lower CTM loss
- Advanced passivation doping technology
- Enhanced contact optimization

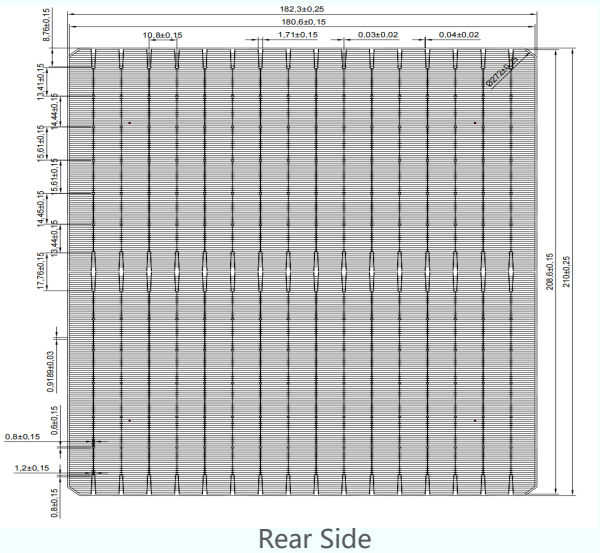
Physical Characteristics

Substrate material	N type, Phosphorus doped,monocrystalline silicon wafer
Thickness	130±10% μm
Dimension	182.3mm*210mm±0.25mm，Φ272mm±0.25mm
Front Side	16. Bus Bars,210±10%fingers,blue antireflection layer(SiNx)
Rear Side	16 Bus Bars,228±10%fingers,blue antireflection layer(SiNx)

Product Appearance



Front Side



Rear Side

Electrical data

Eff. Grade (%)	Isc(A)	Voc(V)	Impp(A)	Vmpp(V)	Pmpp(W)	FF (%)
25.7	15.750	0.732	15.286	0.642	9.81	85.12
25.6	15.731	0.731	15.250	0.641	9.78	85.01
25.5	15.709	0.730	15.238	0.639	9.74	84.91
25.4	15.698	0.728	15.226	0.637	9.70	84.87
25.3	15.671	0.727	15.190	0.636	9.66	84.80
25.2	15.637	0.726	15.154	0.635	9.62	84.76
25.1	15.612	0.725	15.141	0.633	9.58	84.68
25.0	15.589	0.724	15.105	0.632	9.55	84.58
24.9	15.548	0.723	15.068	0.631	9.51	84.58
24.8	15.496	0.722	15.032	0.630	9.47	84.64
24.7	15.472	0.721	14.995	0.629	9.43	84.55
24.6	15.412	0.720	14.958	0.628	9.39	84.65
24.5	15.376	0.719	14.921	0.627	9.36	84.62
24.4	15.351	0.718	14.884	0.626	9.32	84.53
24.3	15.328	0.717	14.846	0.625	9.28	84.43

All electrical data measured under standard test conditions: 1000W/m2, AM 1.5, 25°C.

SunSync solar reserve the right of final interpretation about the above technology parameter.

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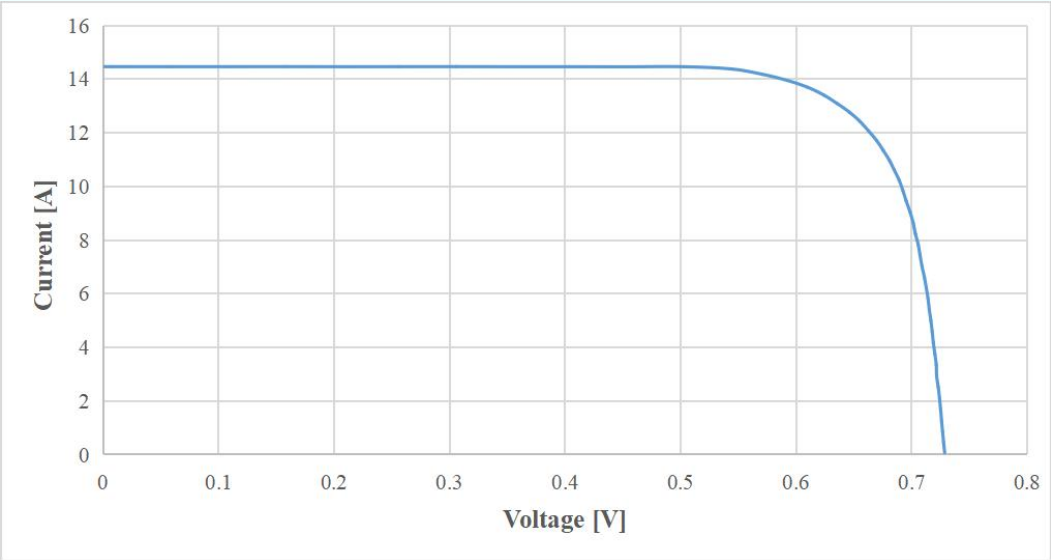
IV Curve



Temperature Coefficients

Power Temperature Coefficient	TkPower: -(0.30±0.02) %/K
Voltage Temperature Coefficient	TkVoltage: -(0.26±0.03) %/K
Current Temperature Coefficientt	TkCurrent: +(0.046±0.015) %/K

Packing & Storage conditions

The Solar cells are closely packed with soft sponge around and heat shrink is used around the box unit. Outer packing box must have shock buffer, The foam packaging offers optimal protection during transportation.

The Solar cells should be stored indoors in the conditions of good ventilation. The storage temperature should be 25 ± 5℃, and the humidity should be no more than 60%RH . Cells should be sampling inspected again if the storage time over 60 days.